Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX TO VOL. XLVII

rev. Denotes Reviews; *n.* Short Notices and Comment on Maps; *Bibliographical Entry.

A

Aalders, H. G., 980*
Abbe, C., Jr., 980*
Abbott, W. J., 59
Abeking, M., 391*
Abraham, J. J., and Reynolds, W. E., 624
Abrams, L., 718*, 780
Abreu, J. C. de, 386*
Abruzzi, Duke of the: Luigi Amedeo di Savoia, Duca degli Abruzzi. A. Faustini, 305*
Abydos: Cemeteries of. Part 2: 1911-12. T. E. Peet, 67*
Abyssinia: Zum Klima von Abessinien, Addis Abeba. J. von Hann, 551* Maps: Missione per la frontiera Italo-Etiopica, 8 sheets, 159*
Ackermann, J., 711
Adai-Khokh: The—group in central Caucasus. H. Raeburn, 393* Map: — from Russian surveys with corrections by H. Raeburn, *n.*, 809
Adams, A. A., 784
Adams, C. C., 115*
Adams, F. D., 629*
Adams, F. U., 792
Adams, G., Meyer, E., and Moisel, M., 808
Adams, M., 466
Addis Abeba: see Adis Ababa
Adelaide: 65th Ann. Report of Adelaide Chamber of Commerce, 1915, 899*
Adélie Land: Zur Meteorologie von, 901*
Adelmann, —, 309*
Adickes, E., 149*
Adirondack Mts., Maps: Auto-road map of. Compiled by S. R. Stoddard, 77*; Map of — showing how to reach them by the New York Central Lines, 77*
Adis Ababa: Zum Klima von Abessinien. Addis Abeba. J. von Hann, 551* Maps: Pianta di Addis Abeba, 158*
Adriani, N., and Kruijt, A. C., 65
ADRIATIC, COASTS AND ISLANDS OF THE: Geschichtliche Ortsnahmen der Inseln und der östlichen Küste der Adriat. Meeres. S. László, 803*; Italianità geologica della Venezia Tridentina e dell' Adriatico. F. Sacco, 803*; R. v. Sterneck: Über Seiches an den Küsten von Adria. A. Defant, 802* **Maps:** Adriatic. East Coast, Zirona channel to Curzola, 479*; Adriatico e le terre irredente, 811*
ADRIATIC SEA: Meeresströmungen und Winde in der Adria. E. Mazelle, 979*; L'Adriatico: Studio geografico, storico e politico, *rev.*, 969 **Map:** La guerra nell' Adriatico, 904
Ægean Sea: Historic islands and shores of the. E. L. Harris, 980*
Aeronautics: *see* Aviation
Afghanistan: Geology of northern. H. H. Hayden, 450 Maps: Southern Asia series: Afghanistan, 559* *n.*, 637
Aflalo, F. G., 799*
AFRICA: Africa. (Atlas Geographies, Part 3, No. 4). T. Franklin, and E. D. Griffiths, 548*; Africa in transformation. N. MacLean, *rev.*, 380; Bau der Afrikanisch-arabischen Wüste. E. Hennig, 980*; La guerre en Afrique, 551*; Lost forests of Africa. C. H. Stigand, 720*; Resources in —: Tin, 50; Zukunft Afrikas. T. Kassner, *n.*, 379 **Colonization:** Ansiedelung der Europäern in den Tropen. M. S. Evans, Dr. Hardy and Dr. Karstedt, 717*; Geschichte der Aufteilung und Kolonisation Afrikas seit dem Zeitalter der Entdeckungen. P. Darmstaedter, 1. Band: 1415-1870, *rev.*, 217; Intervention and colonization in. N. D. Harris, *n.*, 702; Practical handbook of tropical diseases of Asia and. H. C. Lambart, *rev.*, 462; Völkerwanderungen: Tatsächliches und Methodisches. K. Weule, 551* **Railroads:** Erschliessung Afrikas durch Eisenbahnen. F. Baltzer, *n.*, 703; Steam route across Africa completed, 449 **Religions:** Christia-

Africa—*Cont'd.*
nisme en Afrique. Origines, développements, extension. J. Mesnage, 892*; Islamic Africa. R. B. Sheppard, *rev.*, 380; Die Senussi. C. H. Becker, 390* **MAPS:** Afrika, 559*; Afrique, 61 sheets, 639*; Bacon's Wall Atlases: Atlas composed of 7 maps: products, contours, rainfall, etc., 640*; Carte de l'Afrique, 6 sheets, 639*; Etat actuel des chemins de fer africains. E. Salesses, 902*; Freytags kleine Wandkarten: Afrika: physical, 320*; political, 320*; Nine maps accompanying "Political geography of Africa before and after the war," *n.*, 808; Stanford's library map of Africa, 159*

Central Africa: Adventures in Africa under the British, Belgian and Portuguese flags. J. B. Thornhill, *rev.*, 890; Administration in tropical Africa. C. H. Stigand, *rev.*, 456; Und Afrika sprach. Bericht über den Verlauf der dritten Reise-Periode der D. Inner-Afrik. Forschungs-Expedition, 1910 bis 1912. L. Frobenius, *rev.*, 786; From Congo to the Niger and the Nile. Account of German Central African Expedition of 1910-11. Adolf Friedrich, Duke of Mecklenburg, *rev.*, 704; Grand gibier et terres inconnues autour des grands lacs de l'Afrique centrale et le Mont Elgon. M. de Bary, 546*; Lost forests of Africa. C. H. Stigand, 720*; Missionary travels in. F. S. Arnot, *rev.*, 889; Route maîtraisse de l'Afrique équatoriale. A. J. Wauters, 152*; Vulkanausbrüche in Innerafrika, als neue Urkunden abyssodynamischer Gesetze. W. Krebs, 897*; Wiss. Ergebnisse der Deutschen Zentral-Afrika-Exp., 1907-8. Führung Adolf Herzogs zu Mecklenburg, Vol. 4: Zoologie 2 Lief. 12: Süsswasserschwämme. Vol. 5: Zoologie 3, Lief. I: Orthopetra. J. A. G. Rehn, Lief. 2: Fische. P. Pappenheim, and G. A. Boulenger, 626*

East Africa: Alleged desiccation of. C. W. Hobley, 71*; Beiträge zur Kenntnis der Geologie und Petrographie Ostafrikas. I: Ueberblick über Aufbau Ostafrikas zwischen dem Victoriasee und der Küste des Indischen Ozeans, besonders längs der Uganda-Eisenbahn. C. Uhlig, II: Petrogr.-chemische Untersuchung einiger jung-vulkan. Gesteine aus dem Umgebung des Victoriasees, besonders längs der Uganda-Eisenbahn. M. Goldschlag, 897*; Guide to South and East Africa. Edited by A. S. Brown, and G. G. Brown, 626*; Rediscovered country. S. E. White, *n.*, 785

North Africa: Afrikan. Mittelmeerküste in ihrer geschichtlichen Bedeutung. J. Wimmer, 288*; L'Allemagne et l'Afrique du Nord. A. Bernard, 551*; Alte Völker Westeuropas und Nordafrikas. K. Penka, 633*; The Desert's Edge. J. R. Smith, 813; Distribuzione e origine dei gruppi umani dell' Africa nord-orientale. V. G. Ruggeri, 308*; Histoire ancienne de l'Afrique du Nord. S. Gsell, *rev.*, 702; Recherches anthropologiques dans la Berbérie orientale. Tripolitaine, Tunisie, Algérie. L. Bertholon, and E. Chantre, 224*

South Africa: Guide to South and East Africa. Edited by A. S. Brown, and G. G. Brown, 626*; Life of a South African Tribe. H. A. Junod, 717*; Lodges in the wilderness. W. C. Scully, 892*; Railroads of German Southwest Africa and the Union of South Africa connected, 879; Secular variation of magnetic elements in —, 1900-13. J. C. Beattie, 802*; Der südafrikanische Bundesstaat und Deutsch-Südwestafrika. C. Uhlig, 630* **Maps:** Map of Southwest Africa, 810*; Railway map, 810*; Standard railway map, 159*

West Africa: Sammlung von Ewe-Sprichwörten. E. Bürgi, 551*

British East Africa: African adventure stories. J. A. Loring, 224*; Administration in tropical Africa. C. H. Stigand, *rev.*, 456; Ann. Report, East Africa Protectorate Survey Dept., year ending March 31, 1914. G. C. Williams, 472; Ansiedelung von Europäern in den Tropen. Britisch-Ostafrika, usw. M. S. Evans, Dr. Hardy, and Dr. Karstedt, 717*; The book of the lion. A. E. Pease, *rev.*, 61; Grand gibier et terres inconnues. M. de Bary, 148*; Hunting the buffalo, one of the most dangerous of big-game animals in Africa. C. E. Akeley, 551*; Life histories of African game animals. T. Roosevelt, and E. Heller, *rev.*, 190* Journey across Jubaland. R. E. Sal-

Africa—*Cont'd.*
keld, 801*; Situation économique et financière des possessions anglaises de l'Afrique orientale en 1914. W. Montbel, 390*; Soils from East Africa Protectorate, 390*; Tea from new sources, 394* **Maps:** Sketch map of country in vicinity of Lake Magadi, *n.*, 234; Sketch map of part of Rift Valley in neighborhood of Lake Magadi, *n.*, 234

British South Africa: *see* Union of South Africa, last entry under Africa

French Colonies in Africa: L'Allemagne et l'Afrique du Nord. A. Bernard, 551*; Nos colonies d'Afrique pendant la guerre, 390*; Enquête sur là famille, la propriété et la justice chez les indigènes des colonies françaises d'Afrique. L. Poutrin, *rev.*, 541; En France africaine. Notes et croquis d'Algérie, etc. M. Rondet-Saint, 224*

French Equatorial Africa: Les deux Congo. 35 ans d'apostolat au Congo français. Mgr. Augouard, 224*; Esquisse ethnologique des principales populations de l'Afrique équatoriale française. L. Poutrin, *rev.*, 541; Etude ethnogr. des Baya de la circonscription du M'Bimou. A. Poupon, 720*; Mission astronomique à la côte du Gabon et dans le bassin du bas Ogooué. Le Terrier, 71*; L'Oubangui-Chari-Tchad en 1913. R. Legrand, 472*; Travaux de la mission télégraphique du Tchad (1910-1913). P. Lancrenon, 71*; Voies d'accès vers le Tchad: Reconnaissance d'une nouvelle route. A. Baudon, 71*

French West Africa: Annuaire du gouvernement général de l'Afrique occidentale française, 1913-14, 892*; Notice sur les archives du Sénégal. C. Faure, 801*

German Colonies in Africa: Colonies allemandes en Afrique. R. Bonnin, 630*; Deutsche Kolonien. A. D. K. Schwabe, *rev.*, 223; Der Krieg in deutschen Schutzgebieten, 472*; Trente années de la colonisation allemande en Afrique (1884-1914). C. Martin, 390* **Maps:** African war atlas, nine maps showing localities of fighting in the "German" colonies in Africa, 480*

German East Africa: Aus den Anfängen unserer Kolonien. A. Kayser, 892*; Area of, 774; Beiträge zu den Regenverhältnissen im küstennahen Gebiete von. B. Schlikker, 472*; Deutsch-Ostafrika. A. D. K. Schwabe, *rev.*, 223; Deutsch-Ostafrika und seine Nachbargebiete. Handbuch für Reisende. Dr. Karstedt, *n.*, 379; Zur Deutsch-Ostafrik. Seenbahn-Frage. E. Vohsen, 892*; Durch Ruanda. P. Donders, 472*; Economic resources of German colonies. I: —, 391*; Forschungen am Kilimandscharo, 1912. F. Klute, 229*, 551*; Kulturen Deutsch-Ostafrikas. G. von Byern, 71*; Der Krieg . . . Deutsch Ostafrika, 472*; Meteor. Beobachtungen, Teil. 9: Zusammenstellung der Monats- und Jahresmittel aus dem Jahre 1912 an 50 Stationen. P. Heidke, 71*; Report for 1912-13 on trade, commerce, and economic position of, 630*; Tanganyika R. R., 50; Aus Unyamwesi und seiner alten Zeit. Stern, 630*; Viehzucht an der Küste Deutsch-Ostafrikas. G. Fanbion, 71*; Vulkanologische Beobachtungen an Mittellandbahn. H. Reck, 551*

German Southwest Africa: Betriebsverhältnisse der Farmen des mittleren Hererolandes. J. Gad, 720*; Deutsche Diamanten. P. Rohrbach, 71*; Deutsch-Südwestafrika. A. D. K. Schwabe, *rev.*, 223; Geogr. und wirtschaftl. Verhältnisse der Huibhochfläche. E. Moritz, 977*; —. (Economic resources of German colonies, II), *n.*, 897*; Grundwasserverhältnisse von Keetmanschoop. P. Range, 897*; Jahresbericht über meteorol. Beobachtungswesen vom 1. Juli 1912 bis 30. Juni 1913, 897*; Railroads of — and the Union of South Africa connected, 879; P. Range über das Klima des Namalandes. J. von Hann, 801*; Der Südafrikanische Bundesstaat und Deutsch-Südwestafrika. C. Uhlig, 630*; Taschenbuch für Südwestafrika 1914. K. Schwabe, P. Kuhn, and G. Fock, *rev.*, 218; Verwendung von deutschem Zuchtvieh. J. Neumann, 229*

Italian Colonies in Africa: Nomi geografici delle colonie italiane. A. Blessich, 977*

Portuguese Colonies in Africa: Rapport présenté au ministre des colonies, à propos du livre "Portuguese Slavery" du J. Harris. A. Freire de Andrade, 228*

Portuguese East Africa: Data

Africa—*Cont'd.*
for study of climate of Lourenço Marques. A. de Almeida Teixeira, 229*; Portuguese East Africa between Zambezi R. and the Sabi R.: Consideration of relation of its tectonic and physiographic features. E. O. Thiele, 391* **Maps:** 3 maps accompanying "Portuguese East Africa between Zambezi R. and Sabi R.: Consideration of relation of its tectonic and physiographic features." E. O. Thiele, and R. C. Wilson, *n.*, 724
Portuguese West Africa: *see* Angola
Union of South Africa: Ann. Report, Dept. of Mines and Industries, —, for 1913: Parts 3 & 4: Mining Section, 71*; British South Africa. G. H. Murphy, 897*; British South Africa, Suppl. to Commerce Reports, 1915. E. N. Gunsaulus, 977*; Diamond Fields. J. C. Gilson. (Series: Redway's Geogr. Readers), *rev.*, 146; Eisenbahnen der südafr. Union. H. Kleinkemm, 71*; Railroads of — and German Southwest Africa connected, 879; Historical geography of British colonies, Vol. 4: South Africa. Part 1, History to 1895. Sir Charles Lucas, *n.*, 61; Laite's Commercial Blue Book for, 1914. W. J. Laite, *n.*, 705; Notes on natives of Rhodesia. H. W. Garbutt, 897*; Note on temperatures of air observed at Mochudi. J. R. Sutton, 802*; Reminiscences of South African Pioneer. W. C. Scully, *rev.*, 61; Settler and South Africa. W. MacDonald, *n.*, 890; Der Südafrikanische Bundesstaat und Deutsch-Südwestafrika. C. Uhlig, 630*; Tägliche Gang des Luftdruckes auf dem Hochlande. (Johannesburg, Kimberley.) J. von Hann, 977*; Tin resources, 50; Zusammenleben von Negern und Europäern in afrik. Kolonie, 552* **Maps:** Africa, 3 sheets, 237*; Index to geol. map of —, 318*
AGRICULTURE: *see also* Soils: Condizioni del clima nell' agricoltura coloniale. G. Provenzal, 153*; Geographic factor in agricultural industries: C. S. Scofield, 364*; Indirect benefits of irrigation not generally recognized. H. Marsh, 634*; Intern. movement of fertilizers. Half-yearly review, March 1, 1915: World's production of fertilizers, international trade in fertilizers, consumption of, etc., 723*; Recent advances in agricultural science—Fertility of the soil. A. D. Hall, 233*; Urheimat der Landwirtschaft aller Indogermanischen Völker an der Geschichte der Kulturpflanzen und Ackerbaugeräte in Mittel- und Nordamerika nachgewiesen. R. Braungart, 69*
Aguirre, R., 980*
Ainscough, T. M., 473*
AIR: *see also* Atmosphere: Ascent of air above the active volcanoes. K. Wegener, 723*; Bestimmung der Luftströmungen in der Höhe mittels Pilotballon. W. Köppen, 805*; Über Bewegung der Luft in den untersten Schichten der Atmosphäre. G. Hellmann, 394*; Über Beziehung zwischen Druckgradient, Wind und Gradienänderungen. T. Hesselberg, 981*; Über Beziehung zwischen Luftdruck und Wind im nichtstationären Fall. T. Hesselberg, 981*; Über oszillatorische Bewegungen der Luft. T. Hesselberg, 981*; Role of glacial anticyclone in air circulation of the globe. W. H. Hobbs, 963; Southern hemisphere surface-air circulation: Being study of mean monthly pressure amplitudes tracts of anticyclones and cyclones, and meteorological records of several Antarctic expeditions. W. J. S. Lockyer, *rev.*, 141; Systematic explorations of upper air with estimates of cost. M. W. Harrington, 288*
Aix-les-Bains, Map: —, Mont Revard, Dent du Nivolet, 80*
Aix la Chapelle: Trade of —, 1914. H. W. Harris, 900*
Akeley, C. E., 551*
Akerhjelm, E., Andersson, G., Thoroddsen, T., Rasmussen, K., and others, 383
Akerman, A., 797*
ALABAMA: Alabama (Frye's Geography). J. H. Phillips, 151*; Triangulation in — and Mississippi. W. F. Reynolds, *rev.*, 883 **Maps:** Map showing distribution of lithologic divisions of eastern gulf cretaceous deposits and their age equivalencies, 807*; Post route map showing post offices, with intermediate distances on mail routes in operation Oct. 1, 1914, 316*; State of Alabama compiled from official records General Land Office, etc., 558*

ALASKA: Ascent of Mount Natazhat, 1913. H. F. J. Lambart, 800*; Subject Index to the history of Alaska, etc. K. B. Judson, 303*; Work for betterment of Alaskan natives, 606 **Geology and Surveys:** Alaskan surveying fleet, 895*; Further Surveys of Kuskokwim River, 954; Kuskokwim R. to be opened to commerce, 205; Geologic reconnaissance of part of Rampart Quadrangle. H. M. Eakin, 388*; Geology and mineral resources of Kenai Peninsula. G. C. Martin, B. L. Johnson, and U. S. Grant, *n.*, 895; Geology and ore deposits of Copper Mountain and Kasaan Pen. C. W. Wright, 719*; Leffingwell's work in Alaska, 287; Surface water supply of the Yukon-Tanana Region. C. E. Ellsworth, and R. W. Davenport, 718* **Glaciers:** Alaskan glacier studies of the Nat. Geogr. Soc. in Yakutat Bay, Prince William Sound and Lower Copper R. regions. R. S. Tarr, and L. Martin, *rev.*, 886; Coastal glaciers of Prince William Sound and Kenai Peninsula. U. S. Grant, and D. F. Higgins, 305*; — mountains and glaciers in relation to railway routes. L. Martin, 213*; Studying — glaciers. D. Keen, 549*; First exploration of some — glaciers: Mt. Blackburn, Harvard Glacier, College Fiord, Harriman Fiord, and Columbia Bay. D. Keen, 115*; First exploration of Harvard Glacier, 117; Glacial scenery in. L. Martin, 172; Muir glacier in 1911 and 1913. L. Martin, 213*, 364* **Industries & Commerce:** Agriculture in, 876; Effect of eruption of Katmai on land vegetation. R. F. Griggs, 193; Hunting in the Arctic and Alaska. E. M. Scull, *n.*, 139; Kuskokwim R. to be opened to commerce, 205; Report on fisheries and fur-bearing animals. E. L. Jones, *rev.*, 769; Russisch-Amerikanische Handels-Kompagnie bis 1825. H. Pilder, 547*; Whaling off the Alaskan Coast. From the Journal of J. Hadley, 905 **Transportation:** Dangers to navigation in, 206; Gateway to the Interior of Alaska: Prince William Sound, 921; Mountain and glaciers in relation to railway routes. L. Martin, 213*; Seward, the terminus of Alaska's new railroad. Based on notes by E. L. Jones, 931; U. S. Coast Pilot, Pacific Coast, 550* **MAPS:** Geologic map of part of Rampart Quad., *n.*, 478*; Headwater regions of Copper, Tanana and White Rivers, 158*; Kroll's standard map of, 809*; Map of Alaska, 236*; Map of Alaska, 727*; Map of Bering R. coal field, showing distribution of various kinds of coal and location of coal sections and coal samples. G. C. Martin, and A. G. Maddren, 809*; Post route map of the territory of — showing post offices, with intermediate distances on mail routes in operation on Oct. 1, 1914, 316*; Port Valdez District, Prince William Sound region, 395*; Reconnaissance map of Chitina Quad., Copper R. region, *n.*, 312; Reconnaissance map of part of Rampart Quad., 478*; Ulloa Channel to San Christoval Channel, *n.*, 156; 5 maps accompanying "Geology and ore deposits of Copper Mountain and Kasaan Peninsula." F. E., and C. W. Wright, *n.*, 806

Alaux, J. P., 393*

Alava; Map, 80*

Alb: Formen der Schwäbischen Alb und ihr Einfluss auf die Besiedelung auf Grund von Beobachtungen in der südwestlichen Alb. K. Löffler, 900*

ALBANIA: Agricultural conditions of. E. C. Sedlmayr, 73*; Das Albanische Problem. Politisches und wirtschaftliches. H. Grothe, 68* **Maps:** Carta dell' Albania, 903*; Einverleibung des Epirus in Griechenland. L. Bürchner, *n.*, 637; Chart U. S. Hydrographic Office, 560*

Albert, C. H., 151*

ALBERTA: Coal fields of —, Manitoba, etc. D. B. Dowling, 389*; Fish supply from Lesser Slave Lake, 877; Geology of field map-area of — and British Columbia. J. A. Allan, 389*; Moose Mt. district. D. D. Cairnes, 227*; The wood and the plains buffalo. G. A. Mulloy, 957 **Maps:** Cereal map of — showing acreage under crop in each township in wheat, oats, barley and flax, 158*; Geol. map of, 638*; Geol. and topogr. map of Moose Mountain region of "disturbed belt," 478*; Topogr. map showing coal areas of Moose Mt. region of the "disturbed belt,"

Alberta—*Cont'd.*
478*; Index to townships in —, etc., showing the townships for which official and prel. plans have been issued up to Jan. 1, 1915, 902*; Map of —, etc., showing number of quarter sections available for homestead entry in each township, etc., 902*; Map showing branches of chartered banks in —, etc., 902*; N. Alberta showing disposition of lands, 236*; S. Alberta showing disposition of lands, 638*; Map showing gauging stations, 316*; Map showing grain elevators, 316*
Albes, E., 633*
Albrecht, F. C., 722*, 979*
Alcock, F., 625*
Alden, W. C., 48, 150*
Aleutian Is.: Russisch-Amerikanische Handels-Kompagnie bis 1825. H. Pilder, 547*
Alexander (The Great): — in Egypt and some consequences. D. G. Hogarth, 630*
Alexander, F. G., 626*
Alexander, W. H., 974*
Alexinsky, G., 136, 627*
ALGERIA: —. D. B. Mason, 472*; Contribution à l'étude de l'industrie pastorale en Algérie: Rôle mécanique des vents dans la répartition des fourrages steppiens; comment densifier les herbages. C. Ben Danou, 897*; Exposé de la situation générale de l'Algérie. C. Lutaud, 71*; En France africaine. Notes et croquis d' Algérie, Tunisie, Malte et Maroc. M. Rondet-Saint, 224*; Monographie de la commune d'Aïn-el-Turck. F. Blanché, 720*; Politica commerciale francese in—e Tunisia. D. Bartolotti, 630*; Report for 1913 on trade of Algeria, 630*; Statistique du mouvement commercial des ports d'Oran, 1913, comparé au movement de 1912, et par nature de merchandises, 897*; Les poissons du Sahara algérien. Cauvet, 391*; Recherches anthropologiques dans la Berbérie orientale. Algérie, Tunisie, etc. L. Bertholon, and E. Chantre, 224* **Maps**: Algérie et Tunisie: carte physique, carte politique. P. Vidal-Lablache, *n.*, 235; Carte de l'Algérie, 6 sheets, 639*; Carte provisoire des confins algéro-marocains, 1:100,000, 3 sheets, 639*; Carte provisoire des confins algéro-marocains, 1:200,000, 2 sheets, 639*; C. Ivi to Algiers, Algeria, Mediterranean, 559; Sud-Oranais en 4 feuilles, 639*; Territoire du sud de l'Algérie, 6 sheets, 639*
ALGIERS: Alger et ses environs. (Coll. des Guides-Joanne), 303*
Algonquin: Myths and folk-lore of Timiskaming — and Timagami Ojibwa. F. G. Speck, 976*; Algonquian Indian names of places in N. Canada. J. B. Tyrrell, 629*
Alicante: Map, 239*
Allan, J. A., 389*
Allen, E. F., 883
Allen, E. T., 231*
Allen, F., 240*
Allen, L. R., and Knowlton, A. J., 150*
Allen, P., 222
Allen, R. C., 470*
Allen, R. T., 548*
Allen, W. N., 151*
Allgäu, Map: Geol. Karte der Allgäuer und Lechtaler-Alpen, westliche Hälfte. Nach Aufnahmen von G. Schulze, H. Pontoppidan, and C. A. Haniel, 728*
Alliot, H., 892
Almagía, R., 393*, 472*, 633*, 723*
Almanac: Notes on the Calendar and the. G. E. Littlefield, 155*
Almeida, A. G. de, 469*
Almeida e Castro: *see* Castro e Almeida
Almeida, P., de, 468*
Almeida Teixeira, A. de, 229*
Almonte, E. d', 720*
ALPS: Anpassungserscheinungen der Alpenpflanzen. A. Günthart, 802*; Deutsche und Engländer bei der Eroberung der Alpen. W. Lehner, 721*; Exploration of the Alps. A. Lunn, *rev.*, 615; La guerre des glaciers et la possession de l'Ortler. E. A. Martel, 979*; Hannibal Once More. [Crossing the Alps.] D. W. Freshfield, *rev.*, 137; Jahrbuch des Schweizer Alpenclub, 474*; Die kleinen Seebecken der Tessiner Alpen. H. Lautensach, 722*; Kriegsereignisse in unseren Alpen. H. Hess, 803*; Une vie de berger. D. Martin, 553*; Région Privadoise. E. Reynier, 553* **Maps**: Berner Oberland und Oberwallis, 480*; Geol. Karte der Allgäuer und Lachtaler-Alpen, w. Hälfte. G. Schulz, H. Pontoppidan, and C. A. Haniel, 728*; Regione Veneta e le Alpi nostre dalla fonti dell' Adige al Quarnaro, *n.*, 904
Alsace: Alsace and Lorraine. From Cæsar to Kaiser, 58 B. C.—1871 A.

Alsace—*Cont'd.*
D. By R. Putnam, 973*; Entwicklung der Kartographie des Elsasses von ihren ersten Anfängen bis zur Cassinischen Karte. K. Schott, 393*
Alsace-Lorraine: Siedelungsprobleme in Elsass-Lothringen. Wolfram, 553*
ALTITUDES: Graphics for reduction of ex-meridian altitudes. E. van Quekelberge, 74*; Further observations on changes in the breathing and the blood at various high altitudes. M. P. Fitzgerald, 154*; Some vegetation types at high altitudes. G. P. Gordon, 154*
AMAZON: The Amazon Expedition, 801*; Lower Amazon. Narrative of little known region of Pará, with record of archæological excavations on Marajô I. and observations on general resources of the country. A. Lange, *n.*, 784; Upper reaches of the. J. F. Woodroffe, *rev.*, 59; Urwaldgebiete Amazoniens: Begleitworte zur Karte. L. Koegel, 152*; World's greatest river. Suppl. Geography. J. F., and A. H. Chamberlain, *rev.*, 385 **Maps**: N. W. Amazon basin from surveys by H. Rice, 1907-8 and 1912-13. *n.*, 234; Amazonas-Waldgebiete. L. Koegel, *n.*, 476
Ambrosius, E. 400*
AMERICA: THE AMERICAS: Anthropological research in eastern Asia and the peopling of America, 959; Beiträge zur Entstehungsgeschichte der ersten Kolonien in Nord-Amerika, Westindien und Südamerika. A. Fischer, 547*; Cane sugar in Pan-America. E. Albes, 633*; Geschichte der Europäischen Kolonisation seit der Entdeckung Amerikas. G. Roloff, 149*; Pearling in the Americas. W. A. Reid, 474*; Resumen de historia general de América. C. A. Villanueva, 387* **MAPS**: Central America, the West Indies, South America and portions of the U. S. and Mexico, 160*; Continent américain: carte physique. P. Vidal-Lablache, *n.*, 235
Central America: Old Panama and Castilla del Oro. C. L. G. Anderson, *rev.*, 782; Pilot chart of Central American Waters, 211; Pioneers in tropical America. H. Johnston, *rev.*, 971; Railways of South and Central America. Manual containing statistics, etc., 148*; Urheimat der Landwirtschaft aller Indogermanischen Völker an der Geschichte der Kulturpflanzen und Ackerbaugeräte in Mittel- und Nordamerika nachgewiesen. R. Braungart, 69*; Vulkangebiete Zentralamerikas und Westindiens. M. Barchewitz, 801*; Young man's chances in — and South America. A study of opportunity. W. A. Reid, *rev.*, 293 **Map**: Central America, the West Indies, etc., 160*
Latin America: Latin America. W. R. Shepherd, *rev.*, 140; Latin America: Its rise and progress. F. Garcia Calderon, *rev.*, 791; Our opportunity in Latin America. J. Barrett, 393*; Los pueblos hispano americanos en el siglio XX. (1910-12). R. Beltrán y Rózpide, 387*; Selling Latin America. Problem in international salesmanship. W. E. Aughinbaugh, *n.*, 971 **Map**: Map showing railroads of Latin America in operation and under construction, 320*
North America: America, including Canada, Newfoundland, etc. Edited by A. J. Herbertson, and O. J. R. Howarth, 971; American and European Cities. E. Oberhummer, 684*; Ancient desert peoples of — in their relation to indigenous Mexican Civilization. E. de Cholnoky, 684*; Bird Book: Illustrating in natural colors more than 700 birds, also photographs of their nests and eggs. C. A. Reed, *rev.*, 781; Some remarks on desert vegetation of America. O. Paulsen, 718*; Silver fox farming in eastern. N. Dearborn. 974*; Subdivision of — into natural regions. Preliminary Inquiry. W. L. G. Joerg, 388*; Urheimat der Landwirtschaft aller Indogermanischen Völker an der Geschichte der Kulturpflanzen und Ackerbaugeräte in Mittel- und Nordamerika nachgewiesen. R. Braungart, 69* **Climate**: Climatic factor as illustrated in arid America. E. Huntington. With contributions by C. Schuchert, A. E. Douglass, and C. J. Kullmer, *rev.*, 441; Weather element in American Climates. R. DeC. Ward, 548* **Geology**: Delimitation of geologic periods illustrated by paleogeography of. C. Schuchert, 150*; Estimate of post glacial and inter-glacial time in. A. P. Coleman, 150*; Fields of

America—*Cont'd.*
outflow of North American ice-sheet. W. Upham, 150*; Standard scale for pre-Cambrian rocks of. A. C. Lawson, 150* **History:** Beiträge zur Entstehung der ersten Kolonien in Nord-Amerika, Westindien und Südamerika. A. Fischer, 547*; Erste Entdeckung Amerikas im Jahre 1000 n. Chr. G. Neckel, *rev.*, 376; The French in the Heart of America. J. Finley, *rev.*, 780; Historical Journal of campaigns in North America for 1757-1760. J. Knox, *rev.*, 376; History of emigration from United Kingdom to. S. C. Johnson, *rev.*, 57; History of New France. M. Lescarbot. With English translation, notes and appendices by W. L. Grant, 625*; Voyages of Norsemen to America. W. Hovgaard, *rev.*, 700 **North American Indians:** *see under* Indians **Maps:** Amérique du Nord, 478*; Bacon's Wall Atlases: Atlas composed of 7 maps: products, rainfall, etc., 640*; Coal supply of the western hemisphere: —, S. America and Antarctic. L. Dominian, 812*; Graphic relief map. G. Thorne-Thomsen, 240*, n., 315; Sydow-Habenicht: Methodischer Wand-Atlas, No. 6: N.-Amerika, oro-hydrographische Schul-Wand-karte nach E. v. Sydows Plan. H. Habenicht, 983*

South America: Allgemeine Ergebnisse der Forschung über Kreide und Tertiär Ablagerungen Argentiniens, sowie Darstellung der Wanderung der Tierwelt in amerikanischen Kontinent. H. von Ihering, 550*; Glaciers and glaciation of. W. H. Schoewe, 976*; Beiträge zur Entstehungsgeschichte der ersten Kolonien in Nordamerika, Westindien und Südamerika. A. Fischer, 547*; Latest South American Expedition, 127; Mission du Service Géogr. de l'Armée pour la mesure d'un arc de méridien équatorial en Amérique du sud sous le contrôle sci. de l'Académie des Sci., 1899-1906. Vol. 2: Facs., I—Introduction générale aux travaux géodesiques et astronomiques primordiaux de la mission; notices sur les stations, 70*; Pioneers in tropical America. H. Johnston, *n.*, 971; Rund um Süd Amerika. O. v. Riesemann, 546*; South American Year Book and Directory, 1915. General information, *n.*, 784; Supplementary geography. J. F., and A. H. Chamberlain, *rev.*, 385; Eine Studienreise nach Südamerika. W. Ule, 152*; Study of moving waves of weather in South America. H. H. Clayton, 896*; Study outline of South America, past and present. Based on J. Bryce's "South America," *n.*, 973; Young man's chances in — and Central America —Study of Opportunity. W. A. Reid, *rev.*, 293; **Anthropology:** Das Alter des Menschen in Südamerika. H. von Ihering, 307*; Anthropological research in eastern Asia and the peopling of America, 959; Considetti precursori dell' uomo attuale nel Sud America. V. Giuffrida-Ruggeri, 307*; Early man in. A. Hrdlička, 960; Plateau peoples of. Essai in ethnic psychology. A. A. Adams, *n.*, 784 **Economics:** Economic effect of war on, 608; Kautschukpflanzen Südamerikas. E. Ule, 228*; South American Handbook. Compilation of information and statistics regarding public indebtedness, foreign commerce and railway development, 1915, 798* **South American Indians:** *see under* Indians **Transportation:** Harbors, H. F. James, 976*; Railways of South and Central America. Manual containing statistics, etc., 148* **Maps:** Bacon's Wall Atlases: Atlas composed of 7 maps: products, contours, rainfall, etc., 640*; Coal supply of western hemisphere: —, etc. L. Dominian, 812*; Graphic relief map of. G. Thorne-Thomsen, 240*, *n.*, 315; Map showing railroads of Latin America in operation and under construction, 320*; Map specially drawn for S. Amer. Year Book. A. Gross, 639*; Philips' comparative series of wall atlases. Edited by J. F. Unstead, and E. G. R. Taylor, 8 maps: relief of land and communications, climate, winter conditions, etc., 984*; South America: Physical wall map series. J. P. Goode, 812*; Political wall map series. J. P. Goode, 812*; Stanford's library map of, 158*; Sydow-Habenicht: Methodischer Wand-Atlas No. 7. Süd-Amerika. Oro-hydrogr. Schul-Wandkarte nach E. v. Sydows Plan. H. Habenicht, 983*; Wall maps [in Arabic lettering], 640*

American Antiquarian Society: Proceedings of the — at Ann. Meeting, 1914, 550*
American Association for Advancement of Science: — at San Francisco, 530
American Association of Port Authorities: Proc. and Papers of the third meeting of —, 1915, 550*
American Geographers: *see* Association of
AMERICAN GEOGRAPHICAL SOCIETY: Annual Meeting, 204; Annual Report of the Council, 204; Joint meeting of the — and the Association of American Geographers, 282, 363; Charles P. Daly Medal awarded to P. Vidal de la Blache, 123, Presentation of the, 605, 690; Cullum Medal awarded to J. Scott Keltie, 123, Presentation of the, 281; Exhibitions, 45, 205, 282, 691; Gift of an old manuscript map to the Society, 530; Lectures, 45, 125, 205, 281, 364, 445, 875; E. L. Baylies elected to the Council, 45; E. Hull elected corresponding Member, 204; Prof. I. Bowman joins the staff of the Society as the Director and Librarian, 123; Resignation of Dr. D. Randall-MacIver, 45; Society's Educational Collection, 282*; Transactions, 45, 123, 204, 281, 364, 445, 530, 605, 630, 875; Transcontinental Excursion of 1912: Development of the. W. M. Davis, 684*; History of the. A. P. Brigham, 684*; Publication of Memorial Volume of the, 684
American Museum of Natural History: — and Field Museum of Chicago send a joint expedition to South America, 127
American Year Book. Record of events and progress, 1914. Edited by F. G. Wickware, 388*
Americanists: The Nineteenth International Congress of, 772
Amerind: *see* Indians, American
Amsterdam: Rijnvaart van. H. G. Aalders, 980*
Andaman Is.: And That Reminds Me. Incidents of life spent in —, Burma, etc. S. W. Coxon, *n.*, 792
Anderson, C. L. G., 782
Anderson, G. E., 799*
Anderson, R., and Pack, R. W., 975*
Andersson, G., 392*; *see also* Akerhjelm, E.
ANDES: Über Anteil der quartären Klimaschwankungen und Gestaltung der Gebirgsoberfläche in dem Trockengebiete der mittl. und nördl. argent. Anden. H. Keidel, 228*; Mineral wealth of the. J. C. Gilson. (Series: Redway's Geogr. Readers), *rev.*, 146; Physiography of Cordillera de los Andes between latitudes 39° and 44° south. B. Willis, 228* **Maps**: Reiseweg in Peru und Ecuador, 1909. W. Sievers, 724
Andorra: Travels in the Pyrenees, including — and the coast from Barcelona to Carcassone. V. C. Scott O'Connor, *rev.*, 66; Two quaint republics: — and San Marino. V. W. Johnson, *n.*, 787
Andrée: [A. S.], Memorie dell' Ingegnere. A. Faustini, 305*
Andrews, E. C., 392*
Anfossi, G., 803*
Anglo-Egyptian Sudan: *see under* Sudan
ANGOLA: Angola. M. Abeking, 391*; Congo-Katanga-Angola. F. Rodriguez, 720* **Map**: Itinéraires suivis par la Mission Rohan-Chabot dans l'— et la Rhodesia, 1912-14. Capt. Grimaud, *n.*, 902
Anhui: Report of Board of Engineers on Huai R. conservancy project in provinces of — and Kiangsu, 473*
Anian, Straits of: The mythical Straits of Anian. G. Sykes, 161
ANIMALS AND ANIMAL ECOLOGY: *see also* Zoögeography under Geography: Book of the Wilderness and Jungle. F. G. Aflalo, 799*; Fur traders and fur bearing animals. M. Petersen, *n.*, 624; Gegenseitige Hilfe in der Tier- und Menschenwelt. P. Kropotkin, 717*; Kulturgeschichte der Nutztiere. L. Reinhardt, 69*; Notes on significance of the Biota and of Biogeography. S. S. Visher, 509; Einiges über Robben und ihre Anpassungen an den Wasseraufenthalt. A. Sokolowsky, 634*; Wanderings of Animals. H. Gadow, 149*; Wild life across the world. C. Kearton, *n.*, 973
Annapolis: History of ye ancient city and its public buildings. O. Tilghman, 797*
ANTARCTIC: *see also* Polar: Antarctica. J. C. Gilson (Series: Redway's Geogr. Readers), *rev.*, 146; Physiography and glacial geology of east Antarctica. G. Taylor, 232*; Zur Meteorologie von Adelie Land, 901*; Names of South Polar

Antarctic—*Cont'd.*
Plateau, 287; Penguins of South Georgia. "Jonnies" and "Kings" on a desolate subantarctic island. R. C. Murphy, 722*; Southern hemisphere surface-air circulation: Being study of mean monthly pressure amplitudes, tracks of anticyclones and cyclones, and meteorological records of several Antarctic expeditions. W. J. S. Lockyer, *rev.*, 141 **EXPEDITIONS: Anglo-Swedish:** Nordenskjöld expedition postponed, 452 **Australasian:** — Antarctic Expedition, 1911-14. D. Mawson (condensed), 38; —, D. Mawson, 901*; Home of the Blizzard. Being the story of Australasian Antarctic expedition, 1911-14. D. Mawson, *rev.*, 970; Mawson lectures in New York, 120 **British:** The heart of the Antarctic. Being the story of the British Antarctic Expedition, 1907-9. E. Shackleton, *rev.*, 383; Scientific results of Shakleton's first expedition, 52; National Antarctic Expedition, 1901-1904: Magnetic Observations, *rev.*, 384; Meteorology. Part 2: Comprising daily synchronous charts. M. W. C. Hepworth, *rev.*, 138; Physical observations, with discussions by various authors, *rev.*, 138; Voyages of Captain Scott. Retold from "Voyage of the 'Discovery'" and "Scott's last expedition." C. Turley, *n.*, 974 **French:** 2ème expédition antarctique française, 1908-10 commandée par J. Charcot. Description des côtes et banquises, instructions nautiques. M. Bongrain, 722*; Oiseaux antarctiques. Documents scientifiques. L. Gain, 722* **German:** Vorläufiger Bericht über meteorol. Beobachtungen der Deutschen Antarktischen Expedition, 1911-12. E. Barkow, *rev.*, 384 **Imperial Transantarctic:** Shackleton starts for the Antarctic, 52, 129, 286 **Scottish:** Report on scientific results of the Voyage of "Scotia" during 1902, 1903, and 1904 under leadership of W. S. Bruce. Vol. 4: Zoology parts 2–20: Vertebrates. D. Hepburn, and others, *rev.*, 970 **Wilkes:** Justice to Lieut. Wilkes, 287 **MAPS:** Coal supply of western hemisphere: N. America, S. America and Antarctic. L. Dominian, 812*; Currents in the Arctic and Antarctic Oceans with attention to water temperatures, color and formation of ice, and other physical conditions. J. C. Soley, 728* **Australasian Expedition:** Regional map showing area covered by —, 1911-14, including tracks of "Aurora" and most of deep sea soundings, *n.*, 557, King George V Land showing tracks of eastern sledging parties from main base, *n.*, 557; Map showing remarkable distribution of islets fringing the coastline of Adélie Land, and 7 other maps accompanying "Australasian Antarctic Expedition 1911-14." D. Mawson, *n.*, 557

Anthropogeography: *see under* Geography

Anthropoids: Differentiation of man from. C. Read, 154*

ANTHROPOLOGY: *see also* Man: Alte Völker Westeuropas und Nordafrikas. K. Penka, 633*; Anthropological research in eastern Asia and the peopling of America, 959; Anthropometrische Studien an Somali. C. Radlauer, 801*; Balder the Beautiful. Fire-festivals of Europe and the doctrine of external soul. J. G. Frazer, *rev.*, 301; Etudes anthropologiques: Les Mandchoux. R. Torii, 898*; Golden Bough. Study in Magic and Religion. J. G. Frazer, Vol. 12: Bibliography and general index, 717*; Opening address British Association, Section H: Anthropology. C. G. Seligman, 977*; Physical anthropology in America. A. Hrdlička, 226*; Return of anthropological expedition from Siberia, 960; Völkerkunde des Altertums. C. Seyfert, 394*; Völkerpsychologie. Eine Untersuchung der Entwicklungsgesetze von Sprache, Mythus und Sitte. W. Wundt, *rev.*, 621

Antilles: *see* West Indies

Antofagasta: Report for 1914 on trade of the Consular District of, 976*

ANTWERP: Antwerpen. A. Rühl, 631*; Antwerpen. Geogr. Lage und wirtschaftliche Bedeutung. H. Praesent, 547*; Antwerpen: Natur, Wirtschaft und strategische Bedeutung. H. Praesent, 231*

Appalachian Region: Study of North Appalachian Indian Pottery. C. Wren, 303*

ARABIA: Bau der afrikanisch-arabischen Wüste. E. Hennig, 980*;

Arabia—*Cont'd.*
Handelsverhältnisse in Oman und im Persischen Golf. D. T. E. v. Soring, 898*; Mystic Nedjef, the Shia Mecca: A visit to one of the strangest cities in the world. F. Simpich, 230*; The Primal Home of the Saracen. J. C. Gilson (Series: Redway's Geogr. Readers), *rev.*, 146; Au Sinaï et dans l'Arabie Pétrée. L. Cart, 633*; Trois années en Arabie heureuse. A. Beneyton, 229* **Map:** G. Freytags Kriegskarte von Ägypten, Palästina und Arabien, 399*
Arboussier, — de, 552*
ARCHÆOLOGY: Annual Reports, Archæol. Survey of India, 1909-10, 1910-11, 978*; — of Anglo-Saxon Settlements. E. T. Leeds, *rev.*, 65; — of Lower Mimbres Valley, N. M. By J. W. Fewkes, 226*; Über archäeol. Fundkarten im allgemeinen und österreich. Fundkarten im besonderen. O. Menghin, 721*; Excavations at Babylon. R. Koldewey. Translated by A. St. Johns, *rev.*, 966; Manual of Egyptian — and guide to the study of antiquities in Egypt. G. Maspero, 626*; Pilgrim's Scrip. R. C. Thompson, *rev.*, 467
ARCTIC: *see also* Polar, Greenland, etc.: Conquest of the. J. C. Gilson (Series: Redway's Geogr. Readers), *rev.*, 146; One effect of Eskimo's diet of tough flesh. F. H. S. Knowles, 536; Eschimesi. A. Faustini, 882*; Eschimesi: Razza, gli usi e costumi, folklore. A. Faustini, 974*; My life with the Eskimo. V. Stefansson, *rev.*, 139; Prehistoric and present commerce among the Arctic Coast Eskimo. V. Stefansson, 310*, *rev.*, 688; Hunting in the Arctic and Alaska. E. M. Scull, *n.*, 139; Hydro-meteorol. service in the Arctic Ocean and the White Sea, 474*; Ice in the Arctic Ocean and the sea route from Europe to Siberia. E. Lesgaft, 387*; State of ice in the Arctic Seas, 1914. C. I. H. Speerschneider, 474* **EXPEDITIONS: Andrée:** Memorie dell' Ingegnero Andrée. [A. S.] A. Faustini, 305* **Canadian:** Canadian government sends three steamers to search for Stefansson, 535; With Stefansson in the Arctic. Brief history of Stefansson's movements from Sept. 20, 1913, when he left the "Karluk" on hunting trip inland, until April 7, 1914, when he was last seen on drifting ice, over 180 fathoms of sea at the edge of continental shelf. B. M. McConnell, 474*; Stefansson finds new land, 766 **Crocker Land:** Crocker Land not found, 52; Crocker Land expedition, 535; Sending a ship to bring home the — expedition, 452 **Dominion Government:** Report of — Expedition to northern waters and Arctic Archipelago of D. G. S. Arctic in 1910, under Command of J. E. Bernier, 974* **Grinnell:** Adrift in the Arctic ice pack. From history of the first U. S. Grinnell expedition in search of Sir John Franklin. E. K. Kane, 974* **Russian:** Capt. Sverdrup on the Asian Arctic Coast, 287; Return of Sverdrup and Vilkitski expeditions, 961; Nicholas II Land reported to be 100 miles wide, 368; Russian Arctic Expeditions, 53 **Stefansson's:** My life with the Eskimo. V. Stefansson, *rev.*, 139; Prehistoric and present commerce among the Arctic Coast Eskimo. V. Stefansson, 310*; *rev.*, 688 **MAPS:** Currents in the Arctic and Antarctic Oceans, with attention to water temperatures, color and formation of ice, and other physical conditions. J. C. Soley, 728*; **Russian:** Arbeiten der hydrogr. Expedition in das nördliche Eismeer in Jahre 1913 unter Kapt. Wilkizki, *n.*, 314; Arctic regions, showing route of Capt. Vilkitski's expedition, 160*
Arctic Circle: Ten years near the. J. J. Armistead, *rev.*, 713
Arctowski, H., 310*
Arendt, —, 612
ARGENTINA: *see also* Separate Prov. and Terr.; Allgemeine Ergebnisse der Forschung über Kreide- und Tertiär-Ablagerungen Argentiniens, ihren Charakter und ihr geologisches Alter, sowie Darstellung der Wanderung der Tierwelt im amerik. Kontinent. H. von Ihering, 550*; Über das Alter, Verbreitung und gegenseitige Beziehungen der verschiedenen tektonischen-Strukturen in den Argentin. Gebirgen. H. Keidel, 152*; Annuario del Instituto Geogr. Militar, Vol. 3, 1914, 719*; Argentina and the Argentines. B. Willis, 364*, 680; —, Past and Present. W. H. Koebel, *rev.*, 783; — Year Book 1914.

Argentina—*Cont'd.*
With chapters on Uruguay and Paraguay, 468*; — in the twentieth century. A. B. Martinez, and M. Lewandowski, 798*; Canalización del Río de la Plata á su desembocadura. J. Carlésimo, 70*; English address book of British and North American residents, business houses, etc., 1914, 468*; Viagem pelo interior da. S. da Silva, 892* **Agric. and Other Industries:** Boletín mensuel de Estadística Agrícola, 1914, 472*; Development of Rosario, 958; Meat production in and its effect upon the industry in the United States. A. D. Melvin, 976*; Estadística minera: Año 1910, 1911, *n.*, 976 **Climate:** Über Anteil der quartären Klimaschwankungen an der Gestatung der Gebirgsoberfläche in dem Trockengebiete der mittleren und nördlichen argentin. Anden. H. Keidel, 228*; Argentine weather. Study of moving waves of weather in. H. H. Clayton, 958; Climate of. W. G. Davis, 152* **Surveys:** Forty-first parallel survey of. B. Willis, 228*; Resumé of B. Willis's surveys along the forty-first parallel. I. Bowman, 348; Physiography of Cordillera de los Andes between latitudes 39° and 44° South. B. Willis, 228* **MAPS:** Carte générale du bassin de La Plata. M. Coffinières, 639*; Mapa geológico del interior de. L. Brackebusch, 237*; Maps accompanying "Northern Patagonia." B. Willis: Map showing relation of Argentina to the United States, *n.*, 396, Two maps of — showing I: Curves of temperature: Comparison of maxima, and minima temperatures of Argentina with those of the United States, 2: Mean annual rainfall in millimeters, *n.*, 396; Plan of San Antonio railroad and projected branches, *n.*, 396; General map of Northern Patagonia, 396; Eight topographic sheets of "Forty-first Parallel Survey," *n.*, 396; Mapa topografico de la Cordillera de los Andes, 4 sheets, *n.*, 396; Twelve land classification maps, *n.*, 396; Proposed development of cities and railroads in the vicinity of Lago Nahuel Huapí, *n.*, 397; Two maps of Andean region showing I: mean annual rainfall in millimeters and 2: Frequency of winds, *n.*, 397

Argyllshire: — and Buteshire. (Cambridge County Geographies.) P. MacNair, 469*

Arid Regions: Discussion on physiography of arid lands. T. H. Holland, 722*; Colonizzazione delle regioni aride. R. Biasutti, 634*

Ariège: The Cavern of the Three Brothers. G. G. MacCurdy, 632*

ARIZONA: Bibliography of —. Record of literature collected by J. A. Munk, and donated by him to Southwest Museum of Los Angeles. H. Alliot, *n.*, 892; Environs of Phoenix and the Roosevelt Dam. A. Vacher, 685*; Gold, silver, copper, lead and zinc in Montana, —, and Nevada in 1913. V. C. Heikes, 306*; Ground water in Paradise Valley. O. E. Meinzer, and A. J. Ellis, *n.*, 895; Igneous origin of "glacial deposits" on the Navajo Reservation. H. E. Gregory, 894*; Meteor Crater (formerly called Coon Mt.). D. M. Barringer, 388*; Meteorological study of parks and timbered areas in western yellow-pine forests of — and New Mexico. G. A. Pearson, 366; Mineral deposits of Santa Rita and Patagonia Mts. F. C. Schrader, 628*; The Navajo Country. H. E. Gregory, 561, 652; Results of spirit leveling in —, 1899 to 1915, inclusive. R. B. Marshall, 975* **MAPS:** Benson Quad., *n.*, 395; Douglas Quadr., *n.*, 155; Hereford Quad., *n.*, 155; Geol. map of Santa Rita and Patagonia Mts., 638*; Topographic map of Santa Rita and Patagonia Mts., 638*; Mesa Quadr., 475*; Morenci Quad., *n.*, 475; Post route maps showing post offices, etc., in operation Oct. 1, 1914, 316*

ARKANSAS: —. (Dodge's Geography.) J. H. Hinemon, 150*; —. (Frye's Geography.) J. H. Hinemon, 151*; Report on Cypress Creek Drainage District, Desha and Chicot Counties. S. H. McCrory, O. G. Baxter, D. L. Yarnell, L. A. Jones, and W. J. Schlick, 628*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*

Arkell, H. S., 227*

Arldt, T., 154*, 311*, 632*, 899*

ARMENIA: Armenia. E. J. Banks, 205*; Armenien. F. Oswald. (Handbuch der regionalen Geologie), *rev.*, 463; Journey through Turkish — and Persian Khurdistan.

Armenia—*Cont'd.*
M. P. Price, 472*; Travel and politics in. N., and H. Buxton. With contribution on Armenian history and culture. A. Raffi, *n.*, 705
Maps: Geol. map of — and its border ranges with indications of minerals and mineral springs. F. Oswald, 640*; Sketch map of Dersim showing routes followed by L. Molyneux-Steel, 1911, *n.*, 235
Armington, J. H.: *see* Cox, H. J.
Arnold, R., 780
Arnold, T. W., 893*
Arnot, F. S., 889
Aruba: Flora of —, Curaçao and Bonaire. I. Boldingh, 546*
ASAMA-YAMA: Eruptions and earthquakes of. List of volcanic earthquakes registered at — observatory in 1911 and 1912. Strong Asama-yama outbursts Dec. 1912 to May 1914. F. Omori, 152*; Notes on eruptions of —, 1908-11. F. Omori, 229*
Ascham, J. B., 706
Ashe, W. W., 975*
Ashmore, O., 151*
ASIA: Ancient East. D. G. Hogarth, 546*; Anthropol. research in eastern Asia and the peopling of America, 959; Het Daghet in den Oesten. H. Borel, *rev.*, 710; Early Inhabitants of Western. F. von Luschan, 977*; Northwestern Dénés and Northeastern Asiatics: A study of the origin of the former. A. G. Morice, 804*; In the lands of the sun. H. R. H. Prince William of Sweden, *n.*, 891; Ostasiatische Landstufenbau als Ausdruck oberflächlicher Zerrung. W. Volz, 72*; Ostasiatische Problem in veltwirtschaftlicher Beleuchtung. L. von Mackay, 977*; Parthian Stations by Isidore of Charax. Account of overland trade route between the Levant and India in the First Century B. C. Greek text, with translation and commentary. W. H. Schoff, 552*; Practical handbook of tropical diseases of Asia and Africa. H. C. Lambart, *rev.*, 462; Travels of Peter Mundy in Europe and Asia, 1608-1667. Vol. 2: Travels in Asia, 1628-1634. Edited by R. C. Temple, 387* **MAPS:** Asie, carte politique, 479*; Atlas Geographies, Part 3: Asia. T. Franklin, and E. D. Griffiths, 812*; Bacon's Wall Atlases: Atlas in seven maps: products, contours, rainfall, etc., 640*; Southern Asia series, four sheets, *n.*, 637; Sydow-Habenicht: Methodischer Wand-Atlas. No. 3: Asien. Oro-hydrogr. Schul-Wandkarte nach E. v. Sydow. H. Habenicht, 984*
Central Asia: A. Stein in Central Asia, 774; Mountain panoramas from the Pamirs and Kwen Lun. A Stein, *rev.*, 63; Stein's remarkable new discoveries, 533; Expedition to — and Karakoram, 1913-14. F. de Pilippi, 802*; Filippi's expedition, 229*; Filippi's expedition: Fourth Report, 391*; Filippi's discoveries, 127; Zur physiographischen Entwickelung Zentral-Asiens in der Quartärperiode. F. Machatschek, 72*; Section across the Sierra Nevada, with a comparison of block structure in Central Asia. F. Machatschek, 685*; Spedizione scientifica italiana in India ed in Asia Centrale, 1913-14. F. de Filippi, 720*
Asia Minor: Barometric altitudes in Mesopotamia and, 880; Holy Land of Asia Minor. Seven cities of the Book of Revelation, their present appearance, etc. F. E. Clark, *n.*, 706; Reisen und Forschungen im westlichen Kleinasien. A. Philippson, *rev.*, 706
Maps: Carte du bassin moyen du Yéchil Irmaq. G. de Jerphanion, 640*; Distribution of mineral products and railways of. L. Dominian, *n.*, 75; Schematische Übersichts-Skizze der Faltengebirge von Griechenland und Westkleinasien. A. Philippson, *n.*, 398
Turkey in Asia: The Baghdad Railway. S. F. Newcombe, 230*; Railroads in Turkey. L. Dominian, 934; Geographical influences in determination of spheres of foreign interests in Asiatic Turkey. L. Dominian, 72*; Kriegsschauplatz der türkisch-persischen Grenze und seine Erdölvorkommen. F. Frech, 977*; Der türkisch-ägyptische Kriegsschauplatz. V. Schwöbel, 473*; Mystic Nedjef, the Shia Mecca: Visit to one of the strangest cities in the world. F. Simpich, 230*; Occupation of Basra, 284; Peoples of Northern and Central Asiatic Turkey. L. Dominian, 832; Turkey (Asiatic). S. Hollis, 978*
Maps: Carte du bassin moyen du Yéchil Irmaq. G. de Jerphanion, 640*; Carte du Liban, 640*; Eisen-

Asia—*Cont'd.*
bahn-Konzessionen in der Asiatischen Türkei, 1914. D. Imhoff, *n.*, 982; Geol. Map of Armenia and border-ranges with indications of minerals and mineral-springs. F. Oswald, 640*; Kalimno to Rhodes, including Gulfs of Kos, Doris and Symi, 399*; Kara Burnu to Karadash Burnu, 399*; Markhab to Ras En-Nakura, 399*; Rhodes I. to Kara Burnu, 399*; Sketch map of Dorsim showing routes followed by Capt. L. Molyneux-Steel, 1911, *n.*, 235; Theatre of war in W. Asia Minor, Sea of Marmora, Bosporus & Dardanelles, Constantinople, Smyrna, 811*; Taurus section of Baghdad R. R. illustrating paper by S. F. Newcombe, and J. P. S. Greig, *n.*, 557
Russia in Asia: Russland in Asien, Vol. 1. Krahmer, 893*; Vom Ural bis Sachalin. O. Goebel, *rev.*, 63
Asiain, L., 224*
Assereto, G., 157, 803*, 811*
Assis Moura, G. de, 78*
ASSOCIATION OF AMERICAN GEOGRAPHERS: Annals of the, 283; Chicago meeting of the, 115; Joint meeting of — and the American Geographical Society, 282, 363
Assyria: Mesopotamian archæology. Introduction to archæology of Babylonia and Assyria. P. S. P. Handcock, *rev.*, 966
ASTRONOMY: Astronomia dos Lusíadas. L. A. Pereira da Silva, 974*; Astronomy. G. F. Chambers, *rev.*, 143; Didaktik der Himmelskunde und der astronomischen Geographie. Mit Beiträgen von W. Foerster, K. Hass, M. Koppe, S. Oppenheim, A. Schülke, *rev.*, 467; Grundlehren der mathematischen Geographie und elementaren Astronomie. S. Günther, 548*; Himmelskunde. Versuch einer methodischen Einführung in die Hauptlehren der Astronomie. J. Plassmann, 68*; Introduction to celestial mechanics. F. R. Moulton, 388*; Problemen der modernen Astronomie. S. Oppenheim, 470* **Nautical Astronomy:** The "Conway Manual," being complete summary of all problems in navigation and nautical astronomy, with proofs of formulas for use of officers in mercantile marine and students. J. Morgan, T. P. Marchant, and A. L. Wood, *rev.*, 465; Les portugais et l'astronomie nautique à l'époque des grandes découvertes. L. Gallois, 311*; Schiffahrt und Astronomie. W. Foerster, 74*
Atacama: Report for 1914 on trade of Consular District of, 976*
Athapascans: Northwestern Dénés and Northeastern Asiatics: Study on the origin of the former. A. G. Morice, 804*
Atherton, G., 538
ATLANTIC OCEAN: Atlantic Ocean biologically an Inland Sea. A. H. Clark, 232*; Bull. Hydrogr., Juillet, 1912-Juin 1913. [Currents, Temperature, Salinity.], 721; Effect of Labrador current upon surface temperature of North Atlantic and of latter upon air temperature and pressure over British Isles. M. W. C. Hepworth, 394*; Forschungsreise S. M. S. "Möwe," 1911. Beobachtungen . . . der Ozeanographie und Meteorologie. G. Schott, B. Schulz, and P. Perlewitz, 633*; Jährliche und tägliche Änderungen in der Richtung und Stärke des Südost-Passats im Atlantischen Ozean. J. von Hann, 394*; Meteorol. charts of Southern Ocean between Cape of Good Hope and New Zealand, *rev.*, 141; Monthly meteorol. data for ten-degree squares in — and Indian Oceans. Computed by R. Netherlands-Meteor. Institute, 1900-12 and from Intern. Observations, Jan.-June, 1913, 310*; North Atlantic ice patrol, 1915, 368; L'Océan Atlantique. D'après G. Schott. C. Vallaux, 310*; Sondages exécutés par divers navires anglais, 633*; Waters of northeastern —: Investigations made during the cruise of *Frithjof* in 1910. F. Nansen, *rev.*, 141; U. S. Coast Pilot. Atlantic Coast, Part 4: Point Judith to New York, 307*; Untersuchungsfahrt im Atlantischen Ozean mit dem Motorschiff "Armauer Hansen," 1913. B. Helland-Hansen, 310*; Waarnemingen in den N. Atlantischen Oceaan in Mei 1914, hoofdzakelijk ter verglijking van gemeten en geschatte windkracht en windrichting. P. H. Gallé, 980*; Wind charts of northernmost part of — and of Davis Strait. V. Garde, *rev.*, 140
ATLANTIC OCEAN, ISLANDS OF THE: Mittelatlantischen Vul-

kaninseln. C. Gagel. (Handbuch der regionalen Geologie), *rev.*, 463

ATLASES: *see also* Maps: Agricultural Atlas of the United States. C. F. Brooks, 115*, 208; A. L. Hickmanns Geogr.-Statis. Universal-Taschen-Atlas, 400*; African war atlas, nine maps showing localities of fighting in the "German" colonies in Africa, 480*; American library atlas of the world containing about 100 maps, 400*; Andrees allgemeiner Handatlas in 221 Haupt- und 192 Nebenkarten. E. Ambrosius, 400*; Atlante di Bandiere. F. Imperato, 387*; Atlante geografico metodico. G. De Agostini, *n.*, 160, 532; Atlante geografico muto fisico politico a colori ed albo di esercitazioni cartografiche in due fascicoli. G. De Agostini, 160*, 984*; Atlante geografico, muto. Tipo fisico-politico a colori. G. De Agostini, 160*; Atlante scolastico di geografia moderna. O. Marinelli, 532; Atlante storico per scuole secondarie. C. Rinaudo, 400*; Per un "Atlante del paesaggio geografico italiano." M. Gortani, and A. R. Toniolo, 632*; Per l'obligatorietà degli atlanti. L. F. de Magistris, 981*; Atlas of Ancient History. W. R. Shepherd, 80*; Atlas of commercial geography. F. Allen, 240*; Atlas geografico, edición adaptada especialmente al estudio de la guerra europea de 1914, 812*; Atlas geographies, new visual atlas and geography combined, Part III, Senior Geography: No. 1a; British Isles. T. Franklin, E. D. Griffiths, and E. R. Shearmur, 240*, No. 3: Asia. T. Franklin, and E. D. Griffiths, 812*, No. 4: Africa. T. Franklin, and E. D. Griffiths, 548*; Atlas der Gezeiten und Gezeitenströme für das Gebiet der Nordsee und der Britischen Gewässer. (D. Seewarte), 160*; Atlas des misions de la Société des Missions-Etrangères. A. Launay, 80*; Atlas of the World [in Arabic], 480*; Bacon's contour atlas, 984*; Bacon's Wall Atlases, 640*; Bacon's Excelsior Contour-Relief Atlas, 80*; Bacon's sixpenny contour atlas of the world. Midlands edition, 812*; Bibel-Atlas in 20 Haupt- und 28 Nebenkarten. H. Guthe, 400*; Bilder-Atlas zur Länderkunde. Ergänzung für Schulatlanten und erdkundliche Lernbücher, usw. F. Lampe, *n.*, 795; Century atlas to be sold as a separate volume, 605; Chile. Atlas de la monografia de lineas ferreas fiscales en estudio y construcción, 80*; Cohrs' Atlas över Sverige. E. Cohrs, 240*; Commercial Atlas Geography. Part IV: Atlas Geographies. T. Franklin, and E. R. Shearmur, 984*; Elementary atlas of Egypt [in Arabic], 480*; G. Freytags' Welt-Atlas. 58 Haupt- und 25 Nebenkarten, 400*; Geogr. Bürgerschul-Atlas. J. G. Rothaug, 400*; Graphisch-statistischer Atlas der Schweiz, 480*; International reference atlas of the world. J. G. Bartholomew, 240*; The map and its story: A physical atlas, 240*; Maps of Old London, 480*; Meyers Deutscher Städteatlas. P. Krauss, and E. Uetrecht, 400*; Morphologischer Atlas. Lief. I. herausgegeben von S. Passarge. 160*; Nelson's atlas of the war, 320*; New encyclopedic atlas and gazetteer of the world, edited and revised by F. J. Reynolds, 400*; Nova atlas de geographia. J. Monteiro e F. d'Oliveira, Three grades: Curso elementar, curso medio, curso superior, *n.*, 160; People's handy reference atlas of the world, 400*; Philips' Chamber of Commerce Atlas. Graphic survey of world's trade with commercial compendium and gazetteer index, 240*; Philips' comparative series of wall atlases. Edited by J. F. Unstead, and E. G. R. Taylor, 984*; Philips' comprehensive atlas, 480*; Philips' new historical atlas for Students. R. Muir, 80*; Philips' pictorial pocket atlas and gazetteer, 984*; Philips' synthetic maps, Eight sets: The world, six continents, the British Isles. E. G. R. Taylor, 812*; Philips' wall atlas of modern history. R. Muir, M. A., and G. Philip, 400*; Practical geography notebooks, based upon Atlas Geographies. T. Franklin, and E. R. Shearmur, 812*; Prof. Meiklejohn's geographical series. Comparative atlas, physical and political. J. G. Bartholomew, 240*; Ptolemy's Atlas: Study of the Sources. G. Schütte, 232*; Suomi Kartasto, Kartbok öfver Finland, 984*; Sydow-Habenicht. Methodischer Wand-Atlas. Nach E. von

Atlases—*Cont'd.*
Sydows Plan. H. Habenicht, 6 numbers, 983*; Three atlases showing boundaries of various cities and towns in Massachusetts, 398*; War atlas compiled by B. V. Darbishire, 984*; Wirtschafts-Atlas der Deutschen Kolonien, 80*
ATMOSPHERE: *see also* Air: General results of the work in atmospheric electricity aboard the Carnegie, 1909-14. L. A. Bauer, 723*; General circulation of the. W. H. Hobbs, 963; Instructions for operating the hygrograph and tabulating therefrom. C. F. Marvin, 981*; Meteor. Beobachtungen und Beobachtungen in verschiedenen Schichten der Atmosphäre die auf dem schwimmenden Leuchtturne Lüserort angestellt worden sind. M. M. Rykachev, Jr., 154*; Southern hemisphere surface-air circulation: being a study of mean monthly pressure amplitudes, tracks of cyclones and anticyclones, etc. W. J. S. Lockyer, *rev.*, 141; Les problèmes de l'atmosphère. A. Berget, *rev.*, 620
Atteridge, A. H., 893*
Atwood, W. W., 718*; — to continue systematic survey of San Juan Mts., 372
Aughinbaugh, W. E., 971
Augouard, Mgr., 224*
Ault, J. P., 804*
AUSTRALASIA: Scientific work of Baron N. Miklucho Maclay, 128; Sheep and wool industry of. Handbook for sheep farmers and wool-classers. H. B. Smith, *rev.*, 381 **Maps**: Philips' comparative series of wall atlases. Edited by J. F. Unstead, and E. G. R. Taylor: Australasia. 8 maps, *n.*, 984
AUSTRALIA: *see also* Northern Territory: Australia from a woman's point of view. J. Ackermann, *rev.*, 711; Central — and its possibilities. W. H. Tiekkens, 775; Family among Australian aborigines. B. Malinowski, *rev.*, 220; Meat production in — and New Zealand. E. C. Joss, 978*; Opportunity in Australia. H. S. Gullett, *rev.*, 380; And That Reminds Me. Incidents of a life spent at sea, and in —, etc. S. W. Coxon, *n.*, 792; Trans-Australian R.R., 775; Year Book of — for 1914. Edited and compiled by W. C. Cambridge, 72*, for 1915, 893*
Explor., Geogr., Geol.: Great Australian Artesian Basin and the Source of its Water. E. F. Pittman, 72*; Notes on stratigraphy of Central. C. Chewings, 720*; Om sambandet mellan natur' och kultur i Australien. G. Andersson, 392*; Scientific notes on an expedition into the interior of — carried out by Capt. S. A. White from July to Oct., 1913. S. A. White, 721*; Three early Australian geographers, their work and how it is remembered. C. R. Long, 721* **Meteorology**: Australian rainfall. H. A. Hunt, 720*; Climate and Meteorology of. H. A. Hunt, *rev.*, 712
MAPS: Bacon's Wall Atlases. Atlas composed of 7 maps showing products, contours, rainfall, etc. 640*; Geol. map of Granya, 811*; Geol. map of Yabba, 811*; Geol. sketch map of portion of Eyre's Peninsula, 811*; Large scale map of — specially drawn for school and office use, 79*; Map of — showing distribution of Australites, 811*; Rain map of — for 1914, 903*; Relative cost of living in relation to distribution of population, 1913, 318*
South Australia: Annual progress report upon State Forest Administration in —, 1912-13. W. Gill, 230*; Ann. Report of government geologist, 1914, 230*; Report on geological explorations in west and northwest of. H. Y. L. Brown, 230*; Review of mining operations in — during half-year ended Dec. 31, 1914. L. C. E. Gee, 631*; Supposed oil-bearing areas of. A. Wade, 631*; 65th Ann. Report of Adelaide Chamber of Commerce, 1915, 899*
Western Australia: Annual progress report of the Geol. Survey of— for 1913, 473*; Geol. reconnaissance of a portion of Murchison Goldfield. H. P. Woodward, 721*; Geology of the country between Kalgoorlie and Coolgardie. C. S. Honman, 720*; Outline of physiographical geology of. J. T. Jutson, 721*; Report by Surveyor General for year ending June 30, 1914, 392* **Maps**: Map of — showing goldfields and other mining districts, also distribution of useful minerals, 479*; Map of southwest part of — showing agricultural and pastoral lands and products for which they

Australia—*Cont'd.*
are best suited, 79*; Map of Western Australia, 79*; Principal occurrences of 19 enumerated minerals, 319*; Sketch map to illustrate J. W. Gregory's paper on lake system of Westralia, *n.*, 157
AUSTRIA-HUNGARY: Über archäologische Fundkarten im allgemeinen und österreichische Fundkarten im besonderen. O. Menghin, 721*; Austria: Her people and their home lands. J. Baker, *n.*, 66; Austro-Hungarian Red Book, 547*; Jahresbericht für 1914. E. Tietze, 553*; Kriegsereignisse in unseren Alpen. H. Hess, 803*; Land where East meets West: From Austro-Italian border to Dalmatia and Bosnia. M. M. Holbach, 900; Monarchie des Habsbourgs. H. W. Steed, 717*; Schnellzugskarte von Böhmen und den umliegenden Ländern. H. Rudolphi, 900*; Les Slaves d'Autriche-Hongrie. L. Leger, 631*; Übersicht über Klimatischen Bezirke Oesterreichs. J. von Hann, 130 **Geography:** El Danubio bajo su faz técnica, económica y politica. F. Pérez, 553*; Durchbruchschlacht am Dunajez geogr. belauchtet. R. Barth, *n.*, 900; Zur Geographie der Küstenlandes. R. Rein, 900*; Geogr. Grundlagen der österr.-ungar. Monarchie und ihre Aussenpolitik. R. Sieger, 474*; Geogr. Grundlagen der österr.-Ungarischen Monarchie und ihrer Aussenpolitik. R. Sieger, *rev.*, 968; Jahrbuch für Landeskunde von Niederösterreich, 1914 and 1915, 631*; Jahrbuch der meteorol. erdmagnetischen und seismischen Beobachtungen, 1913, 392*; Niederösterreichische Waldviertel. F. Becke, A. Himmelbauer, F. Reinhold, and R. Görgey, 469* **MAPS:** L'Adriatico e le terre irredente, 811*; G. Freytags Skirouten Karte, 7 maps, 238*; G. Freytags Skirouten-Karte der Niederösterr.- steirischen Kalkalpen, 2 maps, 238*; Geol. Spezialkarte der im Reichsrate vertretenen Königreiche und Länder der österr. ungar. Monarchie, 399*; Grenzgebiete österr.-Ungarns und Serbiens, 399*; Seat of war on Austro-Italian frontier, 811*; Serbisch-österreichisch-ungarische Grenzländer. P. Peucker, 159*; Trentino e terre adjacenti, 811*
Automobile Sledges: Traineau-remorqueur automobile. J. Boyer, 555*
Autremer, J. d', 891
Avezzano: The — earthquake of Jan. 13, 1915. C. H. Beal, 474*
Aviation: Überland und Übersee im Wettbewerb nebst einem Ausblick auf kommenden Wettbewerbsmöglichkeiten des Luftverkehrs. R. Hennig, 233* Maps: Organisation des Luftfahrwesens in Frankreich vor Ausbruch des Krieges, *n.*, 477
Avienus, Rufus Festus: Beiträge zur geographischen Erklärung der "Ora Maritima" Aviens. J. Frank, 231*
Aymard, C.: *see* Besnard, R.
Ayres, P. W., 875
Azcárraga y Palmero, D. Marcelo, *obituary*, 696
Azerbaijad: Journey through — and Persian Kurdistan, 68*

B

Babcock, K. C., 883
Babcock, W. H., 534
Babonneau, L., 391*
BABYLON: Excavations at. R. Koldewey. Translated by A. St. Johns, *rev.*, 966
BABYLONIA: Getreide im alten Babylonien. Beitrag zur Kultur- und Wirtschaftsgeschichte des alten Orients. F. Hrozny: Mit botanischen Beitrag von F. v. Frimmel: Über einige Samen aus dem Orient, 153*; Introduction to archæology of — and Assyria. P. S. P. Handcock, *rev.*, 966
Backhouse, E., and Bland, J. O. P., 295
Baden: Entwickelung der Kartographie Südbadens im 16. und 17. Jahrhundert. J. Werner, *rev.*, 134
Bad Lands: Comparison of American and Italian. O. Marinelli, 685*
Bad Lands (Mauvaises Terres): Impressions of the. J. J. Runner, 628*
Baedeker, K., 457, 469*, 717*, 799*
Bagdad: The — Railway. S. F. Newcombe, 230*; Occupation of Basra, 284; Map: Section of Baghdad R.R., *n.*, 557
Bagley, C. B., 895
Bahamas: Coral Reefs and Coral Islands. G. P. Engelhardt, 472*
Bahia: —, 1613-1762. Bahia, 1763-1786. Inventario dos Documentos relativos ao Brasil existentes no Archivo de Marinha e Ultramar de Lisboa. E. de Castro e Almeida, 469*

Bahrein Islands: Report for year ending March 31, 1914, on trade of, 473*
Bailey, F. M., 72*; —, and Moreshead, Capt., 556
Bailey, T. G., 547*
Bain, H. F., 780
Bainer, H. M., 894*
Bakenhus, R. E., Knapp, H. S., and Johnson, E. R., 783
Baker, E. C., 898*
Baker, J., 66
Baku: —, oil fields. J. C. Gilson. (Series: Redway's Geogr. Readers), *rev.*, 146
Balaton Lake Region: Geological formations of the — and their regional forms of stratification. L. de Lóczy, *rev.*, 616
Baldwin, G. C.: *see* Henshaw, F. F.
BALKAN PENINSULA: Barometr. Höhenmessungen in den griechisch-türkischen Grenzländern. V. Hilber, 231*; —: Its peoples and its problems. M. I. Newbigin, 721*; **Maps:** Map of, 159*; Péninsule des Balkans, carte physique et agricole et lieux historiques. P. Vidal-Lablache, 160*; Stanford's map of Turkish empire with the — and Lower Egypt, 320*
BALKAN STATES: The Balkans: Laboratory of history. W. M. Sloane, *n.*, 788; —: Roumania, Bulgaria, Servia and Montenegro. W. Miller, *rev.*, 299; Balkan Cockpit: Political and military story of — wars in Macedonia. W. H. Crawfurd Price, 798*; New Balkan Geography. F. L. Waldo, 979*; Balkan wars, 1912-13. J. G. Schurman, *n.*, 789; Bulgaria and her people. With account of Balkan Wars, Macedonia, and Macedonian Bulgars. W. S. Monroe, *rev.*, 223; Etats balkaniques et le principe confédératif. A. Schopoff, 798*; Ethnogr. Literatur aus den Balkanländern. C. Jireček, 900* **Maps:** Bartholomew's war map of Italy and —, 812*; Cartes des Balkans, 6 feuilles, 640*; Diagrammatic map of Slav territories east of the Adriatic. A. Evans, 903*; Serbisch-Österr.-ungarische Grenzländer. K. Peucker, 159*; War map of south central Europe, 640*
Ball, S. H., and Shaler, M. K., 71*
Balloons: International kite and balloon ascents. E. Gold, 554*
Balls, W. L., 799*
BALTIC SEA: Leuchtfeuerverzeichnis, 1915. Teil. I: Ostsee, 473*; Teil. 2: Gewässer zwischen Ost- und Nordsee, 473*; Ostsee als germanisches Meer. K. Wegemann, 473* **Map:** Ostsee als germanisches Meer. P. Langhans, *n.*, 725
Baltzer, F., 703
Baluchistan, Map: Southern Asia series, Baluchistan, etc., 559*, *n.*, 637
Bancroft, C. K.: *see* Harrison, J. B.
Bancroft, H. H., 540
Bangalore City: Extension of. K. Iyengar, 552*
Banks, E. J., 205*
Banse, E., 60
Baratta, M., 722*
Barbary Coast: *see* Africa, North
Barbeau, C. M., 719*
Barcelona: Report for 1913 on trade and commerce of consular district of, 393*
Barchewitz, M., 801*
Barents Sea, Map: Voyage de Jan Cornelisz May dans la mer de Barents en 1611 et 1612, 983*
Barga: Some topographical notes on journey through — and north-east Mongolia. G. C. Binsteed, 229*
Barge Canal: New York State — Barge Canal, W. H. Schoff, 321, 498, 593 Map: Bird's-eye-view of the, 77*
Barker, E. R., 299
Barkow, E., 384
Barmm, R., 304*
Barnes, H. T., 475*
Barnwell, R. H., 797*
Barrell, J., 722*
Barrett, J., 393*
Barringer, D. M., 388*
Barrow, K. M., 67*
Barrows, D. P., 303*
Barth, R., 900*
Barthel, E., 893*
Bartholomew, J., 79*
Bartholomew, J. G., 79*, 240*, 319*
Bartlett, N. S., 305*
Bartolotti, D., 630*
Bary, M. de, 148*, 546*
Baschin, O., 633*; — receives Leibnitz Medal for services to geography, 882
Basra (Busra): Occupation of, 284
Batum: Wirtschaftsverhältnisse in, 393*
Baudon, A., 71*
Bauer, L. A., 232*, 723*
Baumgardt, B. R., 281*
BAVARIA: Eiszeitmensch in Bayern. F. Birkner, 309*; Jahresb. der k. bayer. Staatseisenbahn-Verwal-

Bavaria—*Cont'd.*
tung, 1913, 231*; Projected opening of upper Danube for navigation, 880; Southern Germany. Handbook for Travellers. K. Baedeker, 469*
Baxter, O. G.: *see* McCrory, S. H.
Bayley, W. S., 225*
Baylies, E. L.: Elected to the Council of the Amer. Geogr. Soc., 45
Bayreuther, W., 803*
Beadle, C.: *see* Stevens, H. P.
Beal, C. H., 305*, 470*, 474*
Bean, E. F., 115*
Bear R. Basin: Profile surveys in. R. B. Marshall, 470*
Beattie, J. C., 802*
Beck, R., 69*
Becke, F., Himmelbauer, A., Reinhold, F. and Görgey, R., 469*
Becker, C. H., 390*
Becker, C. L., 716*
Beckers, W. J., 73*, 723*
Bedouins: The Desert's Edge. J. R. Smith, 813
Beekly, A. L., 627*, 727*
Behistun: Pilgrim's Scrip. R. C. Thompson, *rev.*, 467
Behrmann, H., 68*
Behrmann, W., 392*
Bek, W. G., 718*
Belfast Lough: Map, 903*
BELGIUM: *see also* Separate Provinces: Belgiens Grenzen. S. Günther, 631*; Belgium. Suppl. Commerce Reports. E. Watts, 900*; Forests of. C. H. Whitaker, 231*; Héroisme et patriotisme des Belges. Renier, *rev.*, 66; Ein grenzstrittiges Gebiet. J. Wetzlar, 231* **Maps**: Belgien und Luxemburg, Nordest-Frankreich, usw. G. Freytag, and K. Peucker, 79*; Stanford's war maps: Netherlands and Belgium, 319*; Seat of war in Belgium, 319*; Sprachverteilung in Belgien, *n.*, 398; Süd Niederlande und Belgien, 479*
Bell, A., 973*
Bell, A. G.: Report upon collection made by — of timbers of British Guiana. H. Stone, and W. G. Freeman, 469*
Bellamy, C. V., and Jukes-Browne, A. J., 626*
Belloc, H., 309*, 893*
Beltrán y Rozpide, 387*
Ben Danou, C., 897*
Bendigo: Map, 238*
Bénévent, E., 153*
Beneyton, A., 229*
Bengal: Holy Land of the Hindus. R. L. Lacey, *rev.*, 456
Bengazi, Region: Map, 78*
Bengston, N. A., 115*, 147, 302*; — studying distribution and stratigraphy of Permian in S. Nebraska; 447 *see also* Condra, G. E.
Benjamins, H. D., and Snelleman, J. F., 58
Bennett, H. H.: *see* Marbut, C. F.
Bent, A. H., 69*
Benton, P. A.: *see* Schultze, A.
Berchtesgaden, Map: G. Freytags Skirouten-Karte, 238*
Berdrow, H., 627*
Berg, L., 145, 554*
Bergbauer, J., 478
Berget, A., 620
Bering R.: Map of — coal field. G. C. Martin, and A. G. Maddren, 809*
Berkeley, Cal.: Meteorological synopsis of. Summary of observations for August, 1915, 976*
Berkey, C. P., 896*
BERLIN: Berlin and modern Germany. B. R. Baumgardt, 281*; Unsere märkische Heimat. Anthologie für — und Brandenburg. R. Nordhaus, 974* **Map**: Karte von Berlin und Umgebung in 12 Blättern, 80*
Bermudas: Geology of Bermuda I.; petrol gy of the lavas. L. V. Pirsson, 152*; West Indies and Guiana. With —, Honduras, etc. A. E. Aspinall, *n.*, 791
Bern Canton, Map: Berner Oberland und Oberwallis, 480*
Bern City: Map, 80*
Bernard, A., 391*, 551*
Bernhard, H., 233*, 311*, 900*
Berry, A. J., 544
Bertholon, L., and Chantre, E., 224*
Berthrong, I. P., 558*
Bertrand, E., 76
Berzeviczy, A. V., 627*
Besnard, R., and Aymard, C., 703
Besnier, M., 625
Bessarabia, Map: Rumänische Anteil an Bevölkerung Bessarabiens, usw., 983
Biasutti, R., 634*
Bible Lands, Maps: Bibel-Atlas in 20 Haupt-und 28 Nebenkarten. H. Guthe, 400*
BIBLIOGRAPHIES: *see also* Catalogues and Indexes: Bibliography of Arizona. Record of literature collected by J. A. Munk. H. Alliot, *n.*, 892; Bibliography of Minnesota mining and geology. W. Gregory, 975*; Bibliotheca Japonica. Dict. bibliogr. . . . rangé par ordre chronologique jusqú'a 1870, . . . liste

Bibliographies—*Cont'd.*
alphabétique des ouvrages parus de 1870 à 1912. H. Cordier, *rev.*, 219; Studies in Carto-Bibliography, British and French, and in bibliography of itineraries and roadbooks. H. G. Fordham, 718*
Bidlingmaier, Prof. F.: Killed in battle of Verdun, 286
Biedermann, E., 548*
Bienaimé, G., 802*
Biermann, C., 76
Bigelow, F. H., 620
Bigelow, J., 67*
Bingham, H., 234, 720*; —'s latest expedition, 774
Binsteed, G. C., 229*, 724
Bioletti, F. T., 718*
Biota: Notes on significance of the — and of Biogeography. S. S. Visher, 509
Birch, S. H., 801*
Birds: — by the Wayside, etc. A. R. Sherman, 473*
Birge, E. A., and Juday, C., 627*
Birkner, F., 309*
Biscay, Bay of: Map, 904*
Bishop, A. L., 641, 772
Bismarck Archipelago: Bericht der medizinisch-demograph. Südsee-Expedition über die Gazellehalbinsel. Külz, and Leber, 72*; Reise nach dem Toriu-Fluss. Adelmann, 309*
Bitterling, R., 554*
Blaas, J., 553*
Blaauw, A. H., 148*
Blache, J., 803*
Black, N. F., 56
Black, W. H., 625*
Black Earth Region: Schwarzerde (Tschernozion). P. Kossowitch, *n.*, 788
Black Forest: Oberflächengestaltung des nördlichen Schwarzwalds. H. Schmitthenner, 469*
BLACK SEA: Gates to the —: Dardanelles, Bosphorus, and the Sea of Marmora. H. G. Dwight, 631*; Der Kriegsschauplatz am schwarzen Meer und in Transkaukasien. F. Frech, 802*
Blackwelder, E., 115*, 463
Blaeu, W.: —'s world map of 1605, 964
Blaich, L. R., 700
Blair, T. A., 548*
Blakeslee, A. F., and Jarvis, C. D., 545
Blanchard, R., 73*, 553*
Blanché, F., 720*
Bland, J. O. P.: *see* Backhouse, E.
Blane, W., 977*
Blázquez y Delgado-Aguilera, A., 979*
Bleininger, A. V., Lines, E. F., and Layman, F. E., 975*
Blessich, A., 977*
Blink, H., 74*
Blom, A.: *see* Ydstie, J.
Blomqvist, E. and Renqvist, H., 393*
Bluefields: —. Suppl. to Commerce Reports. C. Ferris, Jr., 896*
Blue Hill: Work of the — Meteorological Observatory, 955
Blum, O. and Giese, E., 893*
Blume, E., 627*
Bock, H., Lahner, G., and Gaunersdorfer, G., 787
Bogart, E. L., and Thompson, C. M., 387*
Bogotá: Report for 1909-13 on trade of Consular District of, 801*
BOHEMIA: Bohemia. W. S. Monroe 205*; Overlooked Bohemia. E. Van Cleef, 979*; Schnellzugskarte von Böhmen und den umliegenden Ländern. H. Rudolphi, 900*
Böhn, A. von, 475*
Boldingh, I., 546*
BOLIVIA: Its people and its resources, railways, mines and rubber-forests. P. Walle, *rev.*, 292; Dünen und Wald in den Savannen von Santa Cruz. T. Herzog, 152*; —n exploration, 1913-14. P. H. Fawcett, 390*; Remarkable discoveries in. Report by P. H. Fawcett, Resumé by I. Bowman, 439 Further frontier work on Bolivia-Brazil northern boundary. H. A. Edwards, 630*; Work on boundary completed, 532 **Map**: Sketch map to illustrate explorations of P. H. Fawcett, 1913-14, *n.*, 724
Bonaire I.: Flora of —, etc., I. Boldingh, 546*
Bonardi, I., 393*
Bondoc Peninsula: Petroleum on. W. E. Pratt, 230*
Bongrain, M., 722*
Bonnin, R., 153*, 630*, 899*
Book Reviewing: Book Reviews. M. Jefferson, 129
Book Reviews and Notices, 56, 132, 214, 290, 374, 454, 538, 614, 697, 780, 883, 966
Borchardt, P., 152*, 477
Borel, H., 710
Borku: Description du Borkou méridional. J. Ferrandi, 308*; Occupation du — et de l'Enedi. G. Ferrandi, 472*
Borneo: Een bezoek ann eenige oudheden in Koetei. H. Witkamp, 72*; Botanizing excursions in. D. H. Campbell, 309*

Börnstein, —, 76
Bornu: Sultanate of. A. Schultze. Additions and appendices by P. A. Benton, *rev.*, 295
BOSNIA: The land where East meets West: From Austro-Italian border to Dalmatia and Bosnia. M. Holbach, 900*; Neue bosnische Bahnbauten. A. Hobelsperger, 73*
Bosphorus: *see* Bosporus
BOSPORUS: Gates to the Black Sea: Dardanelles, —, and Sea of Marmora. H. G. Dwight, 631* **Maps:** Map of the Dardanelles, Sea of Marmora and, 728*; Nouvelle carte des opérations en Turquie d' Europe. Dardanelles-Bosphore, 812*; Seat of war in the Dardanelles and the, 812*
BOSTON: Days and ways in Old Boston. Edited by W. S. Rossiter, *rev.*, 885*; Burgis views of — and New York. J. H. Edmonds, 627*; Suppl. Report of directors of the port of — to the General Court, 1915, 550* **Map:** Plan for development of — harbor, 558*
Botany: *see also* Plants and Vegetation: Classification of botanical science in two dimensions. R. M. Harper, 154*
Bougainville: Ein Beitrag zur Ethnologie von — und Buka mit spezieller Berücksichtigung der Nasioi. E. Frizzi, 392*
Boule, M., 721*
Boulenger, G. A.: *see* Pappenheim, P.
BOUNDARIES: Appointment of Boundary Commission in Venezuela, 608; Barometr. Höhenmessungen in griechisch-türkischen Grenzländern. V. Hilber, 231*; Central & eastern Europe showing international frontiers, 319*; European boundaries in modern history. W. H. Schoff, 445*; Further Frontier work on the Bolivia-Brazil northern boundary. H. A. Edwards, 630*; Work on Bolivia-Brazil boundary completed, 532; Über Grenzen und ihre Veränderungen. K. Olbricht, 982*; Strategische Bewertung der Kammlinie eines Grenzgebirges. H. Frobenius, 723*; Ein grenzstrittiges Gebiet. J. Wetzlar, 231*; International Commission on Boundary Waters 475*; Kriegsschauplatz der türkisch-persischen Grenze und seine Erdölvorkommen. F. Frech, 977*; Seat of Austro-Italian frontier, 811* **Maps:** Bartholomew's orographical map of central Europe showing political boundaries, 319*; Grenzgebiete österr.-Ungarns und Serbien, 399*; Seat of war on Austro-Italian frontier, 811*; Serbisch-österr.-ungarische Grenzländer. K. Peucker, 159*; Map to illustrate paper on Nigeria-Kamerun Boundary Commission of 1912-13. W. V. Nugent, *n.*, 156; Missione per la frontiera Italo-Etiopica, 8 sheets, 158*; Map showing boundary line between the kingdom of Siam & Malay States under Brtish Protection as surveyed, agreed to, and beaconed by Joint Commission under the Treaty of 1909, 903*
Bousquet, G.: *see* Gruner, E.
Bowie, E. H., and Weightman, R. H., 225*
Bowie, W., 226*, 881
Bowman, I., 348, 439, 688; — joins the staff of the American Geographical Society as Director, 123; —, and Dodge, R., 212*
Bownocker, J. A., 151*, 894*
Boyce, W. D., 781
Boyer, J., 555*
Brackebusch, L., 237*
Bradley, A. G., 68*
Bradley-Birt, F. B., 219
Braham: Social and Economic Survey of a Community in N. E. Minnesota. G. P. Warber, 719*
Brahmaputra: Exploration on the Tsangpo or Upper. F. M. Bailey, 72*; Identity of the Sanpo and Dihang Rivers. S. G. Burrard, 259
Brandenburg: Unsere märkische Heimat: Anthologie für Berlin und. R. Nordhausen, 974*
Brandis, L. von, 892*
Branner, J. C., 780, 887
Brasil, R. Pereira: *see* Pereira Brasil
Braun, G., 76, 553*
Braun, F., 631*
Braungart, R., 69*
Bravo, E., 308*
Brazil, E. I., 152*
BRAZIL: *see also* Separate States: Anuario publicado pelo Observatorio Nacional do Rio de Janeiro, 1915, 719*; Brazil, 1913. J. C. Oakenfull, 717*; Brazil-Album. Resurreições litterarias e artisticas. P. de Almeida, 468*; — and the Brazilians. G. J. Bruce, *rev.*, 292; In Deutschland und Brasilien. G. Stutzer, *rev.*, 293; Illuminaçao e balizamento da costa, portos, barras, rios e lagos navegaveis, 390*; Inventario dos documentos relativos ao Brasil existentes no archivo

Brazil—*Cont'd.*
de Marinha e Ultramar de Lisboa. E. de Castro e Almeida, 469*; Repartiçao geral dos telegraphos. Memoria historica, 386*; Through Brazilian wilderness. T. Roosevelt, *rev.*, 216 **Commerce and Industries:** Coffee industry. (South America. Suppl. geography. J. F., and A. H. Chamberlain), *rev.*, 385; Commerce of, 307*; Some geographic factors influencing Brazilian trade. W. S. Tower, 115*; Relatorio apresentado ao presidente . . . pelo Ministro de Estado dos Negocios da Agricultura, Industria e Commercio. 1911. P. de Toledo, 892*; Report for years 1912-13 on trade of. H. S. Birch, 801*; Reports for 1913 on trade of various consular districts, 71*, 472*; Trade relations between the United States and —, and Brazilian resources. A. G. de Almeida, 469* **Ethnography:** As aves nos costumes, superstições e lendas Brazileiras e Americanas. P. E. Teschauer, 67*; A bem da ethnographia brasileira e dos estudos Americanistas. A. C. Simoens da Silva, 896*; Fetichismo dos Negros do Brazil. E. I. Brazil, 152*; Rã-txahu-ní-ku-i. Lingua dos Caxinauás do Rio Ibuaçu affluente do Muru. J. C. de Abreu, 386* **Exploration:** Completion of Col. Rondon's explorations, 693; Definite survey of Rio Theodoro, 361; Journey in Central Brazil. T. Roosevelt, 307*; Rio Theodoro, Col. Roosevelt's new river. J. P. Goode, 896*; Further frontier work on Bolivia-Brazil northern boundary. H. A. Edwards, 630*; Work on the boundary completed, 532; Papers of the Stanford expedition to — 1911. J. C. Branner, *rev.*, 887 **Maps:** Amazonas-Waldgebiete. L. Koegel, *n.*, 476; Map of Rio Roosevelt from surveys by Roosevelt-Rondon Expedition, *n.*, 636; Schema da carta do Brazil mostrando o itinerario da Expedição Roosevelt-Rondon, 317*; Mapa geral do Brasil, 317*; Mappa do Sul do Brazil. G. de Assis Moura, 78*; N. W. Amazon basin from surveys by H. Rice, 1907-8 and 1912-13, *n.*, 234
Breckwoldt, J., 803*
Bremen: Trade of —, 1914. H. W. Harris, 900*
Brennecke, W., 475*, 633*, 804*
Brest: Report for 1914 on trade, commerce, and industries of the Consular District of, 973*
Brevard, C. M., 151*
Bridgman, H. L., 310*, 364*, 805*
Briesen, von —, 630*
Briggs, H., 142
Briggs, L. J., 718*
Brigham, A. P., 150*, 155*, 311*, 684*
Brigham, W. T., 381
Briles, C. W., and Snider, L. C., 151*
Britain: *see* Great Britain
British Association for the Advancement of Science: Geography at the. J. McFarlane, 309*; Major Lyons' Address at the meeting of the —, 1915, 964; Opening address, Section H: Anthropology. C. G. Seligman, 977*
BRITISH COLUMBIA: Ann. Report, Minister of Mines for 1914, account of mining operations for gold, coal, etc., *n.*, 895; British Columbia, 448; British Columbia. F. Fairford, *n.*, 887; Glaciers on Windward and Leeward Slopes, 772; In the land of head-hunters. Indian life and Indian lore. E. S. Curtis, *n.*, 700; Northern — and Yukon Territory and along North Pacific Coast (Guide books for excursions of the 12th Intern. Geol. Congress in Canada, 1913), *rev.*, 701; Physiography of Beaverdell map-area and the southern part of interior plateaus of. L. Reinecke, 629*; Opening new farm lands in, 284; Report of Proc. of 8th Ann. Convention of W. Canada Irrigation Association, 1914, 472*; Report of Survey Branch of Dept. of Lands, 1914, 389*; Texada Island. R. G. McConnell, 471* **Mining and Economic Geology:** Coal fields of. D. B. Dowling, *n.*, 895; Coal fields of eastern. D. B. Dowling, 389*; Geol. reconnaissance between Golden and Kamloops along the Canadian Pacific Railway. R. A. Daily, 894*; Geology of field map-area, — and Alberta. J. A. Allan, 389*; Geology of Franklin Mining Camp. C. W. Drysdale, 550*; Geology of Nanaimo map-area. C. H. Clapp, 227* **Maps:** British Columbia. Land recording divisions, 236*; Kootenay, Osoyoos & Similkameen, showing land recording divisions, 638*; Land districts, 236*; Sketch map of Crown Lands, Range 5, Coast District, Bulkley R., 236*; Coast and Islands between Queen

British Columbia—*Cont'd.*
Charlotte Sound and Burke Channel, 158*; Degree series, Windermere sheet, 316*; Diagram showing geology of Texada Island, 727*; Prescott, Paxton and Lake Mines, Texada I., 809*; Geol. Survey of Canada, Two sheets: Vancouver Island, 558; Maps accompanying "Geology of Franklin Mining Camp." C. W. Drysdale, 638*; Mining divisions, 158*, 236*; Hazelton-Aldermere, Cassiar and coast districts, 236*; Index to townships in —, etc., showing the townships for which official and prel. plans have been issued up to Jan. 1, 1915, 902*; Map of Yale district and portion of adjacent districts, 236*; New Westminster and Yale, 236*; Pre-Emptor's map: 6 sheets, 158*; 6 sheets, 236*, 3 sheets, 638*; Sheet map: Fernie sheet, 316*; Southwestern districts, 236*
BRITISH EMPIRE: Britain in the tropics, 1527-1910. A. W. Tilby, 148*; Britannia's growth and greatness. Historical geography of. A. J. Berry, *rev.*, 544; The British Empire. Six lectures. C. P. Lucas, 627*; Englands Weltherrschaft und der Krieg. A. Hettner, 717*; Greater Rome and Greater Britain. Sir C. P. Lucas, *rev.*, 132; Oxford Survey of the British Empire: America, including Canada, Newfoundland, etc., Edited by A. J. Herbertson, and O. J. R. Howarth; *rev.*, 971; Timber resources of the. J. W. Grice, 74*
British Isles: *see* United Kingdom
British South Africa: *see* Union of South Africa, last entry under Africa
Brittain, J. I., 473*
Britton, N. L., 210
Brönner, O., 553*
Brooks, C. F., 48*, 115, 548*, 607
Brooks, E. C., 151*
Brotchie, T. C., 545
Brown, A. H., 211
Brown, A. P., and Ehrenfeld, F., 305*
Brown, A. S., and Brown, G. G., 626*
Brown, G. G.: *see* Brown, A. S.
Brown, H. Y. L., 230*
Brown, J. C., 391*
Brown, N. C., 718*
Brown, P. M., 383
Brown, R. G., 150*
Brown, R. M., 69*, 392*
Brown, R. N. R., 804*
Brown, S. B., 151*
Browne, J. H., 69*
Browne, W. H., 151*
Bruce, G. J., 292
Bruce, W. S.: —'s expedition in Spitzbergen, 535
Bruch, C., 386*
Brückmann, W., 232*
Brückner, E., 684*
Brummitt, R., 543
Brun, Samuel: —'s Schiffarten (1624). Toortse der Zee-Vaert door Dierick Ruiters. Uitgegeven door S. P. l'Honoré Naber, 149*
Brunhes, J., 212*
Brunswick: Trade of —, 1914. H. W. Harris, 900*
Brussels: Bruxelles et ses faubourgs. A. J. Wauters, 153*
Bruun, D., 304*
Bryan, K., 549*
Bryant, H. G., 799*, 955
Bryant, J. O., 69*
Bryce, G., 377
Bryce, J., 311*, 552*
Bucher, F. S.: *see* Sweet, A. T.
Buck, C. H., 391*
Buck, E., 630*, 632*
Budd, E. A., 976*
Buenos Aires: Metropolis of the southern hemisphere (South America. Suppl. geography. J. F., and A. H. Chamberlain), *rev.*, 385; Year Book of the City of, 1913, 389*
Bukovina: Ethnogr. Zusammensetzung der Bevölkerung der. R. Kaindl, 900* Map: Rumänishe Anteil an Bevölkerung der —, usw. P. Langhans, 983
Buffalo, map: Matthews-Northrup new map of city of, *n.*, 636
BULGARIA: Beiträge zur Anthropologie der Bulgaren. K. Drontschilow, 632*; Bulgaria. H. L. Bridgman, 364*; — and her people. With account of Balkan wars, Macedonia and Macedonian Bulgars. W. S. Monroe, *rev.*, 223; Bulgarie d'hier et de demain. L. de Launay, *rev.*, 67; Rumania, —, Servia and Montenegro. W. Miller, *rev.*, 299
Bull, C. P., 894*
Bulhes, A. O., 896*
Bumpus, T. F., 221
Burchard, E. F., 226*, 305*, 388*; —, and Emley, W. E., 226*
Bürchner, L., 637
Bürgi, E., 551*
Burgos: Map, 239*

Burgundy: Burgundische Pforte. R. Langenbeck, 393*; —: The splendid duchy. Studies and sketches in S. Burgundy. P. Allen, *rev.*, 222
Burling, L. D.: *see* Kindle, E. M.
Burling I., Map: — to Cape Espichel, 904*
BURMA: — earthquakes of May, 1912. J. C. Brown, 391*; Geology of northern Shan States. T. H. D. La Touche, 391*; Handbook for travellers in India, Burma and Ceylon. (J. Murray's), 224*, *rev.*, 891; Oil fields of. E. H. Pascoe, 303*; And That Reminds Me. Incidents of life spent in —, Australia, etc. S. W. Coxon, *n.*, 792
Burmeister, C. A.: *see* Chilcott, E. F.
Burpee, L. J., 377
Burrard, S. G., 259, 552*
Bushire: Report for year ending March 21, 1914, on trade of, 473*
Bushnell, D. I., Jr., 470*, 975*
Buteshire; — and Argyllshire (Cambridge County Geographies). P. MacNair, 469*
Butte, Mont.: Water resources of. O. E. Meinzer, 306*
Buttram, F., 305*
Buxton, H.: *see* Buxton, N.
Buxton, N., and H., 705
Bybee, H. P., and Malott, C. A., 227*, 365
Byern, G. von, 71*
Byers, W. C., Taylor, A. E., Dickey, J. B. R., and Kirk, N. M., 975*
Byington, C., 627*

C

Cabaton, A., 983*
Cables: *see under* Telegraphy
Cady, G. H., 549*
Cairnes, D. D., 227*, 478*, 800*
Cairo: From — to Constantinople. H. C. Ostrander, 364*; Subsoil of. D. C. B. Smith, 801*
Calciati, C., 72*
Caldwell, O. W., and Eikenberry, W. L., 795
Calendars: Imp. Univ. of Tokyo Calendar 2573-74 (1913-14), 631*; Notes on the — and the Almanac. G. E. Littlefield, 155*
CALIFORNIA: —. (Frye's Geography), 151*; — the wonderful, with glimpses of Oregon and Washington. E. Markham, *rev.*, 538; Clouds of. F. A. Carpenter, *rev.*, 374; Floral features. L. Abrams, 718*; Hottest region in the United States (Greenland Ranch, Inyo County). G. H. Willson, 800*, *n.*, 956; Isles of. G. Sykes, 745; Last wild tribe of. T. T. Waterman, 389*; Nature and science on the Pacific Coast. Guide book for scientific travelers. A. McAdie, R. S. Holway, C. F. Tolman, Jr., J. C. Branner, and Others, *rev.*, 780; In the Oregon Country; Out-doors in —, Oregon, etc., together with glimpses of modern west in the making. G. P. Putnam, *n.*, 781; Precise leveling from Brigham, Utah, to San Francisco. W. Bowie, 226*, *rev.*, 291; Redwood of. J. H. Browne, 69*; Remains of land mammals from marine Tertiary beds in the Tejon Hills. J. C. Merriam, 389*; Strange Rock Formations — Table Mountain of. J. C. Gilson. (Series: Redway's Geogr. Readers), *rev.*, 146; On Sunset Highways. Motor rambles in. T. B. Murphy, *n.*, 698; Tourist's California. R. K. Wood, *rev.*, 56; Visit to higher mountains of — and Colorado. A. H. Bent, 69* **Earthquakes and Volcanoes:** Central — earthquake of Nov. 8, 1914. E. F. Davis, 470*; Earthquake at Los Alamos, Jan. 11, 1915. C. H. Beal, 470*; Earthquake in Santa Cruz Mts., Nov. 8, 1914. C. H. Beal, 305*; Activity of Lassen Peak. R. S. Holway, 388*; Eruptions of Lassen Peak. J. S. Diller, 69*, 226* **History:** Across the plains to — in 1852, from Little Wabash R. to the Pacific Springs in Wyoming, Journal of L. Frizzell. Edited from original MS. V. H. Paltsits, 549*; —: An intimate story. G. Atherton, *rev.*, 538; Crossing the plains in the days of '57. Narrative of early travel to California by ox-team method. W. A. Maxwell, 973*; Diary of Nelson Kingsley. California Argonaut of 1849. Ed. by F. J. Teggart, 302*; Junípero Serra: The man and his work. A. H. Fitch, 388* **Minerals:** Geology and mineral resources of San Diego and Imperial Counties. F. J. H. Merrill, 471*; Mineral production for 1913, 227*; Some mining districts in N. E. — and N. W. Nevada. J. M. Hill, 627*; Petroleum industry of. R. P. McLaughlin, and C. A. Waring, 470*; Salines in Oxens, Searles and Panamint basins (Our largest potash deposits). H. S. Gale, 446 **Water Resources:** Ground water for irrigation in the

California—*Cont'd.*
Sacramento Valley. K. Bryan, 549*; Ground-Water Resources of Niles Cone and adjacent areas. W. O. Clark, 627*; Pacific coast basins in. H. D. McGlashan, and G. C. Stevens, 628*; Pacific coast basins in. Stream-gaging stations and publications relating to water resources 1885-1913. B. D. Wood, 719*; Springs of. G. A. Waring, 471* **Wine Industry:** Wine-making. F. T. Bioletti, 718* **Maps:** Avena, Burnham, Lathrop, Manteca, Peters, Union Island, Vernalis and Walker Quadrangles, *n.*, 312; Elkhorn Weir Quad., *n.*, 634; Geomorphic map of — and Nevada, with portions of Oregon and Idaho showing diastrophic character of relief, steep descent from sub-continental shelf to the floor of the Pacific and more important known faults. M. Solem, *n.*, 233*; Concord Quad., *n.*, 805; Haywards Quad., *n.*, 805; Kern R. oil field, in two sheets, *n.*, 634; Map of drainage basin of Alameda Creek and adjacent areas, 638*; Map of Niles Cone and adjacent areas, 638*; Merritt, San Francisco, San Mateo, and Swingle Quadrangles, *n.*, 805; Official railroad map, 638*; Panama Pacific Exposition, 236*; Post route Map showing post offices, etc., in operation Oct. 1, 1914, 316*; Priest Valley Quad., *n.*, 395; Ronda Quad., *n.*, 476; Salida Quad., *n.*, 901; Yolo Quad., *n.*, 634
Calkins, R. D., 151*
Callahan, J. J. M., 67*
Cambodia: Histoire du Cambodge depuis le ler siècle de notre ère d'après les inscriptions lapidaires, etc. A. Leclère, *rev.*, 297
Cambon, V., 721*
Cambridge, W. C., 72*, 893*
Cameroons: *see* Kamerun
Campania: La pioggia nella. C. Colamonico, 722*
Campbell, D. H., 309*
Campbell, M. R., 226*, 313*, 614
Canaan, T., 394*
CANADA: *see also* Separate Provinces: America, including Canada, etc. Edited by A. J. Herbertson, and O. J. R. Howarth, *rev.*, 971; Boundaries of. O. Klotz, 307*; Canada to-day — 1914, Reference book on progress, prosperity, and opportunities, 70*; Canada Year-Book 1913, 70*; Glaciers on Windward and Leeward Slopes, 772; Imperial Year Book, 1914-15. Edited by A. E. Southall, 468*; Masters of the Wilderness. C. B. Reed, *rev.*, 215; Mexico and Peru, America, Canada. C. Richmond, 148*; Provincie marittime del Canadà. G. Moroni, 895*; Real United States and —: Pocket guide-book. W. H. Black, 625*; Seismology, terrestrial magnetism and gravity. Report 1911. O. Klotz, 550*; Structural relations of Pre-Cambrian and Palaeozoic rocks north of the Ottawa and St. Lawrence Valleys. E. M. Kindle, and L. D. Burling, 800*; Unexploited West. Compilation of all authentic information available as to natural resources of unexploited regions of northern Canada. E. J. Chambers, 468*; The wood and the plains buffalo. G. A. Mulloy, 957 **Agriculture:** —. 5th Census, 1911, Vol. 4, 550*; Practical discussion of raising, marketing, etc., of wheat crop, relating largely to Great Plains region of the U. S. and Canada. A. M. Ten Eyck, 625*; Transportation of wheat. A. L. Bishop, 772; Present status of cattle industry in. H. S. Arkell, 227*; Report of Proc. of 8th Ann. Convention of Western Canada Irrigation Association, 1914, 472*; Utilization of poor soils, 209 **Commerce:** Commercial review of the season ending Dec. 4, 1914, showing export trade from port of Montreal in Canadian products, 307*; Fifth Census of Canada, 1911. Manufactures for 1910 as enumerated in June, 1911, 303*; Heaton's Annual. Commercial handbook and Boards of Trade Register, 1915, 546*; Promotion of foreign trade. A. L. Bishop, 772 **Conservation:** National domain in Canada and its proper conservation. Presidential address before R. Soc. of Canada, 1914. F. D. Adams, 629* **Dept. of the Interior, Report:** Ann. Report for year ending March 31, 1914. Dominion Lands, immigration, surveys, dominion parks, forestry, irrigation, water power, 800* **Fisheries and Fur Industry:** Canadian fish for England, 209; Fisheries protection service, Report for year ending March 31, 1914. C. E. Kingsmill, 227*; 47th Ann. Rept. Dept. of Marine and Fisheries, 1913-14, 307*; Progress of

Canada—*Cont'd.*
fur-farming in. J. W. Jones, 151* **Forestry:** Some aspects of northern plains forest region. A. B. Connell, 471*; Field manual of trees. Including S. Canada, etc. J. H. Schaffner, 303* **Geography:** Geographic Board of Canada, Decisions, 389*, 550*; 13th Report of Geographic Board containing all decisions to March 31, 1914, 151*; Organization of scientific investigation of Indian Place-Nomenclature of maritime provinces of. W. F. Ganong, 550*; Outline of physical geography of. D. B. Dowling, 151* **Geol. Congress:** Guide books for the excursion of 12th Intern. Geol. Congress in Canada, 1913, 10 Vols., *rev.*, 701; Memoria acerca del Congreso Geologico Intern. del Canada, XIIa Session, 1913. O. P. Fabrega, O. A. Marin, and D. E. Dupuy de Lome, 550* **History:** First circumnavigation of Vancouver Island. C. F. Newcombe, 800*; The French in the Heart of America. J. Finley, *rev.*, 780; History of —, 1763-1812. C. P. Lucas, *rev.*, 376; History of Canadian wealth. G. Meyers, *n.*, 887; History of New France. M. Lescarbot, With English translation, notes and appendices by W. L. Grant, 625*; History of Saskatchewan and the old north west. N. F. Black, *rev.*, 56; Lands Forlorn. Story of an expedition to Hearne's Coppermine River. G. M. Douglas, *rev.*, 540; Papers relating to colonization of Vancouver Island, 800*; Papers relating to Nootka Sound and to Capt. Vancouver's expedition, 800*; Short history of Canadian people. G. Bryce, *rev.*, 377 **Hydrography:** Basins of Nelson and Churchill Rivers. W. McInnes, 471*; Hydrographic Survey, Rept. for year ending March 31, 1914. W. J. Stewart, 228*; Report of progress of stream measurements for 1913. P. M. Sauder, G. H. Whyte, and G. R. Elliott, 307*; Report of survey of tides and currents, 1914. W. B. Dawson, 227*; St. Lawrence R. and its part in the making of Canada. R. H. Whitbeck, 584; Tide tables for eastern coast of — 1915. Including the River and Gulf of St. Lawrence, the Atlantic Coast, Bay of Fundy, etc., 70*; Tide tables for Pacific Coast of — 1915, including Fuca Strait, Strait of Georgia and the northern Coast, 70* **Indians in Canada:** *see under* Indians, N. American **Meteorology:** Report of meteorological service of — for year ended Dec. 31, 1911, 307* **Minerals:** Clay and Shale deposits of western provinces. Part 4. H. Ries, 550*, Part 5. J. Keele, 550*; Coal fields and coal resources of Canada. D. B. Dowling, 629*; General summary of mineral production, 1912, 228*; List of Canadian mineral occurrences. R. A. A. Johnston, 800* **Population and Races:** Canada and the British Immigrant. E. P. Weaver, *n.*, 701; Fifth Census of Canada, 1911. Areas and population by provinces, districts and sub-districts, 303*; Fifth Census of —, 1911. Religions, origins, birthplaces, citizenship, literacy and infirmities by provinces, districts and sub-districts, 303*; Reports from anthropological division, 307*; Report on immigration for 1914, 629*; Special report of foreign-born population. Abstracted from the records of the Fifth Census of Canada, June, 1911, *n.*, 895; Terres et peuples du Canada. E. Miller, *rev.*, 215 **Public Works:** Report on works for fiscal year ended March 31, 1914, 389* **Rocky Mts.:** Among Canadian Alps. L. J. Burpee, *rev.*, 377; Canadian Rockies to date. C. E. Fay, 70*; Alpine Club of. Constitution and list of members 1915, 307* **Surveys:** Ann. Report of topographical surveys, branch 1913-14, 800*; Canada Geol. Survey Reports, 719*; Intern. Comm. on Boundary Waters, 475*; Summary report of Geol. Survey, Dept. of Mines, for 1913, 307*, for 1914, *n.*, 895; Trent watershed survey. Reconnaissance by C. D. Howe, and J. H. White, 209 **Transportation:** New Canadian National Transcontinental R.R. D. MacPherson, 976*; Transportation of wheat. A. L. Bishop, 772 **Waterways:** New Welland Ship Canal, 366; Port Directory of principal ports and harbours, 151*; St. Lawrence and its part in making of Canada. R. H. Whitbeck, 115* **MAPS:** Index to townships in western —, showing townships for which official and prel. plans have been issued up to Jan. 1, 1915, 902*; Map of western — showing

Canada—*Cont'd.*
number of quarter sections available for homestead entry in each township, 902*; Magnetic declination observed in 1910 in southern — accompanying reoprt of O. Klotz, 158*; Map of the Dominion, 902*; Map showing number of chartered banks in maritime provinces, 902*; Maps of various provinces, 316*, 727*; New official railroad map of the United States and southern Canada, *n.*, 476; Rand McNally & Co.'s general wall map of U. S., portions of Canada and Mexico, 478*; Sectional map of Canada, 158, 236*, 902*; Special edition showing lands disposed of, 158*; Standard topographical map, Sheet 8, 236*
Canary Islands: Island Geography as illustrated by the, 879 Map: Plano de Santa Cruz de Tenerife, 399*
Cano. G. Lezzi, 551*
Cantrill, T. C., 69*
Cape of Good Hope, Province of: — Marine Biol. Report. No. 1, for 1912 and for half year ending June 30, 1913, 67* Map: Cape of Good Hope, 237*
Cape Verde Islands: —: Visit to San Vicente in 1890. M. Jefferson, 390*
Capps, S. R., 799*
Carey, A. E., 304*
Carlésimo, J., 70*
Carnegie, Yacht: — starts on her fourth cruise, 283; General results of work in atmospheric electricity aboard the —, 1909-14. L. A. Bauer, 723*; Magnetic declinations and chart corrections obtained by — from Brooklyn, N. Y., to Colon, Panama, March, 1915, and from Balboa to Honolulu, March-May, 1915. J. P. Ault, 804*
Carney, F., 115*
CARPATHIAN MTS.: Der karpathische Kriegsschauplatz. J. Partsch, 631*; Sur morphogénèse des Karpathes situées au nord de Krosno. A. Fleszar, 473*; Natur- und Volksgrenzen in den Karpathen. E. Hanslik, 900*
Carpenter, E., 549*
Carpenter, F. A., 374
Carranza, Venustiano: — and Mexico. C. de Fornaro, *n.*, 541
Carruthers, D., 152*, 556, 626*
Cart, L., 633*
CARTOGRAPHY: Ancora sulla finalità degli esercizi cartografici. L. F. de Magistris, 805*; Atlante geografico muto fisico, politico a colori ed albo di esercitazioni cartografiche in due fascicoli, 984*; Cartografia dell' Italia nel cinquecento, con un saggio sulla cartografia del Piemonte. R. Almagià, 393*; Cartographic needs of physical geography. A. G. Ogilvie, 310*; Entwicklung der Kartographie des Elsasses von ihren ersten Anfängen bis zur Cassinischen Karte. K. Schott, 393*; Entwickelung der Kartographie Südbadens im 16. und 17. Jahrhundert. J. Werner, *rev.*, 134; Graphics for reduction of ex-meridian altitudes. E. van Quekelberge, 74*; Grössen von Meridiangraden und Eingradfeldern. A. von Böhn, 475*; Zur Kartographie der Naturvölker. K. Weule, 475*; Leben und wirken August Petermanns. E. Weller, *n.*, 974; Über moderne Kartentechnik. P. Kaltschmid, 74*; Nomenklatur der theoretisch. geograph. Kartographie im Anschluss an dem Aufsatz von H. Maurer: Definitionen in der Kartenentwurfslehre, usw. E. Hammer, 633*; Per l'obbligatorietà degli atlanti. L. F. de Magistris, 981*; Ptolemy's Atlas: Study of the Sources. G. Schütte, 232*; Studies in Carto-Bibliography, British and French. H. G. Fordham, 718*; Studien am Globus: Bemerkungen zur Geschichte und Technik der Erdgloben und Winke zu ihrer Benutzung, usw. H. Haack, 981*; Transformation der Koordinaten bei der konformen Doppelprojektion der Erdellipsoids auf die Kugel und die Ebene. L. Krüger, 633*
Casablanca: Map, 639*
Casserly, G., 296
Castellon de la Plana: Map, 320*
Castilla del Oro: Old Panama and. C. L. G. Anderson, *rev.*, 782
Castle, H.: *see* Hurd, A.
Castro, João de: De Castro's Red Sea Log. C. Crossland, 310*
Castro e Almeida, E. de, 469*
CATALOGUES: *see also* Bibliographies and Indexes: Catalogue des poissons du nord de l'Europe, avec les noms vulgaires dont on se sert dans les langues de cette région, 553*; Katalog der Sammlung Weiss im Kgl. Museum für Völkerkunde zu Berlin. H. Mueller, 898*
Catamarca: Exploraciones arqueológicas en las provincias de — y Tucumán. C. Bruch, 386*

Catskill Mts.: Notes on physiography and glacial geology of northern. J. L. Rich, 306*
CAUCASUS: Adai-Khokh Group in central. H. Raeburn, 393*; Highest peak of Adai Khokh group. H. Raeburn, 977*; Bevölkerung des Sakataler Kreises. A. Dirr, 977*; In the — 1914. H. Raeburn, 977*; Ergebnisse einer Studienreise in den zentralen Kaukasus. L. Distel, 304*; Mud volcanoes in — and the Crimea. K. O. Lysakowski, 980*; Zukunft Kaukasiens. A. Dirr, 308* **Maps:** Adai Khokh group from Russian surveys with corrections by H. Raeburn, *n.*, 809; Geol. map of — compiled from latest sources by F. Oswald, *n.*, 555; Karte des Kaukasischen Hochgebirges und angrenzenden Gebiete von Cis- und, Trans-Kaukasien. M. von Dechy, *n.*, 556
Cauvet, —, 391*
Cavallo, P., 627*
Cave, C. J. P., 232*
CAVES AND CAVERNS: The Cavern of Three Brothers. G. G. MacCurdy, 632*; European caves and early man. N. C. Nelson, 721*; Höhlen im Dachstein und ihre Bedeutung für Geologie, Karsthydrographie und Theorien über Entstehung des Höhleneises. H. Bock, G. Lahner, and G. Gaunersdorfer, *n.*, 787
Cavour, [C. B.]: —and the making of modern Italy 1810-1861. P. Orsi, *n.*, 716
Cayuga Lake: Interpretation and constructive value of authentic instances of geographic control illustrated by a specific case: Cement factory on Cayuga lake. O. D. von Engeln, 115*
Ceará: Trechos do livro "O Ceará no seculo XX." T. Pompeu, 896*
Cecina: Val di: Monografia geografica. S. Corti, 799*
Celebes: De Bare'e-Sprekende Toradja's van Midden-Celebes. N. Adriani, and A. C. Kruijt, *rev.*, 65
Century Atlas: — to be sold as a separate volume, 605
Cephalonia I.: Map, 479*
Cereals: Multiplicity of crops as a means of increasing the future food supply. U. P. Hedrick, 74*; Überseeische Getreideversorgung der Welt. W. Vogel, 634*
CEYLON: Ceylon. M. Piscicelli, 631*; Granatsand-Dünen auf. K. Keilhack, 898*; Handbook for travellers in India, Burma and. (J. Murray), 224*, *rev.*, 891; Portuguese Era. History of the Island for 1505-1658. P. E. Pieris, *rev.*, 709; Report of acting Surveyor-General of, 1914, 802* **Maps:** Agricultural maps: Eastern Province, 78*, Northern Province, 78*, Uva province, 79*
CHAD TERRITORY: Etude anthropologique des populations des régions du Tchad et du Kanem. R. Gaillard, and L. Poutrin, *rev.*, 541; Mission de ravitaillement du Tchad par Kano (Jan., 1913-14). E. Mercier, 390*; Oubangui-Chari-Tchad en 1913. R. Legrand, 472*; Travaux de la Mission Télégraphique du Tchad, 1910-1913. P. Lancrenon, 71*; Voies d'accès vers le Tchad: Reconnaissance d'une nouvelle route. A. Baudon, 71*
Chadsey, C. E., and Murdoch, G. W., 150*
Chailley-Bert, J., 711
Chaix, E., 685*
Chalons: Map, 239*
Chamberlain, A. H.: *see* Chamberlain, J. F.
Chamberlain, J. F., and A. H., 385, 387*
Chamberlin, G. E., 551*
Chamberlin, R. T.: *see* Harder, E. C.
Chamberlin, T. C., 154*
Chambers, E. J., 468*
Chambers, G. F., 143, 470*
Chandler, A. B., 151*
Chantre, E.: *see* Bertholon, L.
Chaouïa: Map, 639*
Chapman, H. H.: *see* Woolsey, T. S., Jr.
Charleston: Earthquakes at. S. Taber, 365; Seismic activity near. S. Taber, 70*
Charlotte, Fla.: Charlotte-Hafen und Boca Grande, 629*
Chartier, J., 390*
Chautauqua: — Summer School: Geography, 453
Chemnitz: Versteinerte Wald zu. L. Wehrli, 979*
Chemulpo, Map: Plan of Jinsen harbour, 318*
Cherbourg: Map of the port, 904*
Chesapeake Bay: Erosion and sedimentation in — around the mouth of Choptank River. J. F. Hunter, 47
Chewings, C., 720*
CHICAGO: — Meeting of the Association of American Geographers,

Chicago—*Cont'd.*
115; Univ. of Chicago: Dept. of Geography, 445; Geography in the summer school, 370; Weather and climate of. H. J. Cox, and J. H. Armington, *rev.*, 375 **Maps:** Olcott's land value maps of, 398*, 809*; Tillotson's pocket maps and street guide of Chicago and Suburbs, of Highland Park, etc., 316*
Chilcott, E. C., 894*
Chilcott, E. F., Griggs, W. D., and Burmeister, C. A., 975*
CHILE: *see also* Separate Provinces: Anuario estadístico, Vol. 3: Política y administración, 1912; Vol. 8: Industrias, 1912, Vol. 10: Agricultura, 1912-13, 307*, Vol. 5: Instrucción, 1912, Vol. 7: Minería y Metalurgia, 1913, 390*; Celebrated Copper mines of Chuquicamata, 693; Saltpeterindustrie Chiles und ihre weltwirtschaftliche Bedeutung. A. Hartwig, 390*; Chilenische Längsbahn und ihre Verzweigungen. H. Steffen, 228*; Estadística commercial, 1913, 307*; Report for 1914 on trade of a Consular District, 976*; Chile. E. A. Budd, *n.*, 976; Chile. L. J. Keena, *n.*, 976; Chile económico 1914, 390*; Creation of Geological Survey in, 694; Grundzüge der Pflanzenverbreitung in. K. Reiche, *rev.*, 378; Landeskunde von. P. Stange, 625*, *n.*, 783; Puntos de vista Chilenos. A. O. Bulnes, 896*; Sétima Memoria del Director de la Oficina de Mensura de Tierras, 1914, 308*; Zur sprachlichen Stellung der Millcayac-Indianer. R. Schilling, 720* **Meteorology:** Anuario Meteorol. de Chile, 1913, Part 1, 896*; Chilean Meteorology, 878; Medidas de agua caída en 1912. Anexo: Recopilación de sumas annuales de agua caída en Chile. M. Wittaker, 307*; Medidas de agua caida en 1913, 896*; Ondas hertzianas registrados en San Carlos de Ancud, 1913, Con una discusión, por W. Knoche, 308*; Valore horarios de los elementos meteorológicos 1912, 308*; W. Knoche: Vieljährige Jahressummen des Regenfalls in Chile. J. von Hann, 801* **MAPS:** República de Chile. Atlas de la monografia de lineas ferreas fiscales en estudio y construcción, 80*
Chimney Mountain: Great Rift on. W. J. Miller, 975*
CHINA: *see also* Separate Provinces: Account of Clark Exp. in N. China, 1908-9. R. S. Clark, and A. de C. Sowerby, *rev.*, 62; Annals and memoirs of the Court of Peking (From 16th to 20th century). E. Backhouse, and J. O. P. Bland, *rev.*, 295; Etudes anthropologiques: Les Mandchoux. R. Torii, 898*; Big game of central and western China. H. F. Wallace, *rev.*, 709; Cantonese phonetic reader. D. Jones and Kwing Tong Woo, 546*; Chinese system of public education. Ping Wen Kuo, 546*; Het Daghet in den Oosten. H. Borel, *rev.*, 710; Essay on civilisations of India, China, Japan. G. L. Dickinson, 626*; Moral development of the Chinese. F. G. Henke, 720*; Die grosse chinesische Ost-West-Bahn und ihr Hafen. G. Menz, 308*; List of lighthouses, light-vessels, buoys, and beacons on the coast and rivers of —, 1915, 630*; Report of Board of Engineers on Huai R. Conservancy Project, 473*; Det Nya Kina: E. Nyström, 303*; Kurzer Abriss der Geschichte der Fremden in China. E. Grünfeld, 391*; Süd-China und Nord-Sumatra: Zur Charakteristik des Zerrungs-Phänomens in Südostasien. W. Volz, 391*; Suggestions for forest administration in. P. C. King, 229*; Work of Chinese Monuments Society, 450 **Commerce:** Report for 1913 on foreign trade of China, 391*; Reports for 1914 on the trade of various cities, 898*, 977*; Returns of trade and trade reports, 1913. Northern Ports. Vol. 1, Part 2: Port statistics and reports, 152*; for 1914: Part 2: Port Trade Statistics and Reports. Vol. 1: Northern Ports, Vol. 2: Yangtze Ports, *n.*, 898 **MAPS:** Théâtre des operations en Chine, 728*
Chinkiang: Report for 1914 on trade of, 977*
Chisholm, G. G., 155*, 392*, 684*
Chittenden, H. M., 614
Choate, C. D., 317*
Choktaw Language: Dictionary of the. C. Byington, 627*
Cholnoky, E. de, 684*
Choroszewski, W., 480*
Christiania, Map: Kart over Kristiania, 319*
Christie, D., 711
Christy, C., 879*, 897*
Chudeau, R., 308*, 630*

Chungking: Trade in 1914. E. C. Baker, 898*
Chuquicamata: Celebrated copper mines of, 693
Church, J. E., Jr., 470*
Churchill, W., 458
Churchill R.: Basins of Nelson and — Rivers. W. McInnes, 471* Map: Explored routes in lower parts of drainage of — and Nelson Rivers, 478*
Cincinnati: The Site of. N. M. Fenneman, 894*
CITIES: American and European cities. E. Oberhummer, 684*; Growth of great cities. F. Homburg, 982*; Possibilities of city forestry. H. R. Francis, 719*
Ciudad-Real: Map, 904*
Civics: An introduction to the study of. H. J. Mackinder, *rev.*, 460
Clackmannan: — and Kinross: (Cambridge County Geographies). J. P. Day, 798*
Clapp, C. H., 227*
Clark, A. H., 232*
Clark, F. E., 706
Clark, R. S., and Sowerby, A. de C., 62
Clark, W. O., 627*, 638*
Clarke, J. M., 555*, 981*
Clarke, R.: Expedition up the Fly R., 451
Clayton, H. H., 896*, 958
Clayton, P. P., and Connor, R. D. W., 151*
Clifford, H., 71*
Clifford, W. N., 150*
CLIMATE AND CLIMATOLOGY: *see also* Meteorology, Weather, etc.: Climate and Evolution. W. D. Matthew, 633*; Climate of geologic time. C. Schuchert, 981*; Climatic data for health resorts. J. von Hann, 130; Climatic factor as illustrated in arid America. E. Huntington. With contributions by C. Schuchert, A. E. Douglass, and C. J. Kullmer, *rev.*, 441; Huntington on climatic factor. W. J. Humphreys, 633*; Condizioni del clima nell' agricoltura coloniale. G. Provenzal, 153*; Einige Bemerkungen über das Klima der historischen Zeit nebst einem Verzeichnis mittelalterlicher Witterungserscheinungen. A. Norlind, *rev.*, 621; Über erdgeschichtliche Kälteperioden. W. von Lozinski, 154*; European winter and the war. R. DeC. Ward, 392*; Forest influence upon climate. G. A. Pearson, 366; Means of transportation in regions of dry climate. O. Olufsen, 684*; Problem der Klimaänderung in geschichtlicher Zeit. L. Berg, *rev.*, 145; Sur la question des déplacements des zônes de climats durant l'époque postglaciaire. L. Berg, 554*; Relation of past and present climate to life, 531; Significance of evaporation in animal geography. V. E. Shelford, 154*; Steady warmth of the tropics. M. Jefferson, 346; Study of influence of volcanic dust veils on climatic variations. H. Arctowski, 310*; Suggestions for a course in climatology in correlation with geography. W. E. Whitehouse, *rev.*, 621; Terrestrial temperature and solar changes. E. Huntington, 184; Variation of human activity according to seasons, 530
Clouqueur, C. A.: *see* Lelièvre, A. E.
COAL: Coal mining. T. C. Cantrill, 69*; Coal. (Common commodities of commerce.) F. H. Wilson, 69*; Coal resources of the world: A summary. L. Dominian, 761; Coal supply of western hemisphere. L. Dominian, 804*; Formation des charbons et des pétroles. J. Cornet, 149*; Kohle (Allgemeine Kohlengeologie). O. Stutzer, 69*; Mode of origin of coal. E. C. Jeffrey, 554* **Maps:** Atlas général des houillères. E. Gruner, and G. Bousquet, 240*; The coal supply of western hemisphere. 2 maps. L. Dominian, 812*
Coasts: Streitfragen zur Morphologie der Küsten. E. Werth, 394*
Cochin China: Pagode de Dakao. (Ngoc-Hoàng), A. E. Lelièvre, and C. A. Clouqueur, 630*; Report for 1913 on trade of Saigon, 632*
Cocoanut: The coco nut. E. B. Copeland, *rev.*, 623
Cocoanut oil: Industrial position of copra, —, and cocoanut cake, 395*
Coconino National Forest: Influence of western yellow pine forest on accumulation and melting of snow. A. J. Jaenicke, and M. H. Foerster, 628*
Coffee: — from grower to consumer (Common commodities of commerce). B. B. Keable, 69*
Coffey, G., 615
Coffey, G. N., 549*
Coffinières, M., 639*
Coghlan, H. L., 303*
Cohrs, E., 240*

Coillard, François: Missionaire au Zambèze 1882-1904. E. Favre, *rev.*, 542
Coker, R. E., 723*
Colamonico, C., 722*
Colbert, [Jean Baptiste]: Colbert's West India Policy. S. L. Mims, *rev.*, 58; Economic policy of Colbert. A. J. Sargent, 150*
Cole, F. C., 473*
Coleman, A. P., 150*
Collet, O. J. A., 152*
Collins, W. H., 227*
Colmenar Viejo: Monografía geográfica. E. Criado y Manzano, 900*
COLOMBIA: Cattle industry in — and its possibilities, 390*; Colombia. P. J. Eder, *rev.*, 216; —: Physical features, natural resources, means of communication, etc. B. V. Lévine, *rev.*, 215; Commerce of — and Venezuela, 878; Report for 1909-13 on trade of Consular District of Bogotá, 801*; Voyage en Colombie 1911-12. F. Serret, *rev.*, 888 **Map**: N. W. Amazon basin from surveys by H. Rice, 1907-8, 1912-13, *n.*, 234
COLONIES AND COLONIZATION: Colonizzazione delle regioni aride. R. Biasutti, 634*; Condizioni del clima nell' agricoltura coloniale. G. Provenzal, 153*; Geschichte der Europäischen Kolonisation seit der Entdeckung Amerikas. G. Roloff, 149*; Inhalt und Ziele der Kolonialgeographie als Lehrfach. H. Meyer, 982*; Manuale coloniale. P. Revelli, 148*; Manuale d'igiene generale e coloniale. G. Sanarelli, 717*; Siedelungs- und Plantagenkolonien. P. Leutwein, 311*; View of the art of colonization in letters between a statesman and a colonist. E. G. Wakefield, *rev.*, 147 **Maps**: Haack-Hertzberg: Grosser historischer Wandatlas. Abt. IV, No. 6: Koloniale Expansion des 17. u. 18. Jahrhunderts. H. Hertzberg, 984*
Colonna, B. A., 237*
COLORADO: Coal fields of Grand Mesa, and West Elk Mts. W. T. Lee, 306*; Colorado (Dodge's Geography). C. E. Chadsey, and G. W. Murdoch, 150*; —. (Frye's Geography), 151*; The — Geographic Board, 207; Effect of different times of plowing small-grain stubble in Eastern. O. J. Grace, 894*; Eocene glacial deposits of. W. W. Atwood, 718*; The gentle pioneers. R. H. Barnwell (Camping trip), 797*; Geology and resources of North Park. A. L. Beekly, 627*; History of portion of Yampa R. and its possible bearing on that of Green River. E. T. Hancock, 470*; Primary triangulation on one hundred and fourth meridian and on thirty-ninth parallel in —, Utah and Nevada. W. Bowie, 226*; Recent progress in — paleontology and stratigraphy. J. Henderson, 470*; University of —, will have its first summer school of geology and geography (1915), 370; Visit to higher mountains of — and California. A. H. Bent, 69* **Maps**: Axial Quad., *n.*, 156; Geol. map and sections of North Park. A. L. Beekly, 727*; Longs Peak Quad., *n.*, 635; Map of — showing all railroads, 316*; Monument Butte Quad., *n.*, 312; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Soda Canyon Quad., *n.*, 635; Topographic Map of Mesa Verde Nat. Park, *n.*, 395
COLORADO RIVER BASIN: —. (Surface water supply of the U. S.). R. Follansbee, E. A. Porter, and H. D. Padgett, 226*; —. (Stream-gaging stations and publications relating to water resources 1885-1913, Part 9.) B. D. Wood, 629*
Colquhoun, Archibald Ross, *obituary*, 289
Columbia Univ.: Geography at the summer school, 371
COMMERCE AND TRADE: Common commodities of commerce. By various authors, 69*; History of. C. Day, *rev.*, 623; Problems in geography of foreign trade. J. R. Smith, 634*; The Times Shipping Number, 225*; Trade and war: Disastrous commercial effect of conflict as shown by eight months' figures, etc. J. J. Macfarlane, 634*; The war and the world's trade. A. L. Bishop, 641 **Maps**: Atlas of Commercial Geography. F. Allen, 240*; Philips' Chamber of Commerce Atlas. Graphic survey of world's trade with commercial compendium and gazetteer index, 240*; War map of American trade opportunities, 240*
Compass: Der Kompass. 1: 46 Tafeln und Verzeichnis derselben. A. Schück, *rev.*, 465

Competition: Überland und Übersee im Wettbewerb, nebst einem Ausblick auf die kommenden Wettbewerbsmöglichkeiten des Luftverkehrs. R. Hennig, 233*
Condra, G. E., 115*; —, and Bengston, N. A., 718*
CONGO: Along the Congo-Zambezi water parting, 608; Congo-Katanga-Angola. F. Rodriguez, 720*; Les deux Congo. 35 ans d'apostolat au Congo français. Mgr. Augouard. Origines du Congo Belge. J. de Witte, 224*
Belgian Congo: Animals from Congo Equatorial Forests, 450; Bilder aus Zentralafrikanischen Vulkangebiet am Kiwu-See. Schumacher, 551*; Contre l'introduction de la main-d'œuvre chinoise au Congo Belge. O. J. A. Collet, 152*; Economic geology of. S. H. Ball, and M. K. Shaler, 71*; L'œuvre civilisatrice au Congo. Renier, *rev.*, 66; Essai sur l'amélioration du régime du fleuve Congo par régularisation du débit des lacs et anciens lacs congolais. R. Thys, *rev.*, 60; Ituri R., forest and pygmies. C. Christy, 897*; Problème des voies navigables et programme des chemins de fer. R. Thys, 152
CONGO RIVER: From the — to the Niger and the Nile. Account of German Central African Expedition of 1810-11. A. F., Duke of Mecklenburg, *rev.*, 704; Essai sur l'amélioration du régime du fleuve Congo par la régularisation du débit des lacs et anciens lacs congolais. R. Thys, *rev.*, 60
Congresses: Memoria acerea del Congreso Geol. Intern. del Canada, XIIa Session, 1913. O. P. Fabrega, O. A. Marin, and D. E. Dupuy de Lome, 550*; Nineteenth Intern. Congress of Americanists, 772
Conklin, E. G., 793
CONNECTICUT: Fourth Biennial Report of Commissioners of State Geol. and Nat. Hist. Sur. of —, 1909-10, 389*; Intercollegiate Geological Excursion of New England, 872 **Map:** Map of railroads of — to accompany report of railroad commissioners, 77*
CONNECTICUT VALLEY: Triassic life of the. R. S. Lull, 719*
Connell, A. B., 471*
Conner, J. E., 631*
Connor, R. D. W.: *see* Clayton, P. P.
CONSTANTINOPLE: From Cairo to. H. C. Clarke, 364*; — and Sancta Sophia. E. A. Grosvenor, 632*; Zum Kampfe um die Meerengen. F. Braun, 631*; Life in. H. G. Dwight, 232*
Cook, C. W., 549*
Cook, James: Early Australian Geographers, their work, etc. C. R. Long, 721; A tablet in honor of Captain Cook, 961
Cooke, A. W., 64
Coolgardie: Geology of the country between — and Kalgoorlie. C. S. Honman, 720*
Cooper, E., 218
Coos Bay, Oregon: Sand dunes of. H. D. House, 49*
Copeland, E. B., 623
Copper Mountain: Geology and ore deposits of — and Kasaan Peninsula. C. W. Wright, 719*
Copper R. Region: Map, *n.*, 312
Coppermine River: Lands forlorn. Story of an expedition to Hearne's —. G. M. Douglas, *rev.*, 540
Copra: Industrial position of Copra, coconut oil and coconut cake, 395*
Coquimbo: Monografía sobre el estado actual de minería en—i descripción de sus yacimientos minerales más importantes. I. D. Ossa, 896*
Coral Reefs: Preliminary report on Shaler Memorial Study of. W. M. Davis, 633*
Cordier, H., 219
Corfu: Charts U. S. Hydrographic Office, 560*
Cormorant: The cruise of the. [West Indies.] A. H. Verrill, *n.*, 716
Cornell Univ.: Geography at the summer school, 372
Cornet, J., 149*
Cornish, V., 234*, 631*
Coronas, J., 899*
Coruña: Map, 728*
COSMOGONY: Hörbigers Glacial-Kosmogonie. Neue Entwicklungsgeschichte des Weltalls und des Sonnensystems. Auf Grund des Widerstreites eines kosmischen Neptunismus mit einem ebenso universallen Plutonismus. Nach neuesten Ergebnissen bearbeitet von P. Fauth, 305*; Werden and Vergehen. Entwickslungsgeschichte des Naturganzen, usw. C. Sterne, 150
Cossacks: Les Cosaques. V. Forbin, 474*
Costa Rica: As tourist and trader see Costa Rica. W. A. Reid, 307*

Cotton: Common commodities of Commerce: Cotton. R. J. Peake, 69*; Development and properties of raw cotton. W. L. Balls, 799*
Coulter, J. M., 387*
Cox, A. J., 229*
Cox, G. H., 226*
Cox, H. J., and Armington, J. H., 375
Coxon, S. W., 792
Cozumel: "The Isle of Swallows," 877
Cragoe, E. J., 894*
Craig, J. L., 308*; *see also* Willcocks, W.
Crawfurd Price, W. H., 798*
Crete I., Map: Île de Crète, 728*
Criado y Manzano, E., 900*
Crimea: Mud volcanoes in — and Caucasus. K. O. Lysakowski, 980*
CROCKER LAND: — not found, 52; Sending a ship for the — expedition, 452; Crocker Land expedition, 535
Crops: Multiplicity of — as means of increasing the future food supply. U. P. Hedrick, 74*
Cross, W., 631*, 978*
Crossland, C., 310*
Crusades: Jerusalem and the. E. Blyth, 893*
CUBA: All rail route to Habana, 389*; Boletín oficial de la Secretaria de Agricultura Comercio y Trabajo, 896*; Cuba: Past and present. A. H. Verrill, *rev.*, 292; Cuban rainfall and English rainfall (Cuban rain record and its application). A. H. Brown, 211; Hydrographic survey of the coast, 773
Cuenca: —. Ecuador's southern city, 551*
Cuenca (Spain): Map, 239*
Cufino, L., 308*
Cullum Medal: — (Amer. Geogr. Soc.) awarded to J. Scott Keltie, 123; Presentation of, 281
Culture: Geistige Kultur der Naturvölker. K. Th. Preuss, *rev.*, 623; Kulturbeziehungen zwischen Indien, Orient und Europa. G. Wilke, *rev.*, 617
Cummins, J. J., 309*
Cundall, F.: *see* Ford, J. C.
Cunningham, W., 461
Curaçao: Flora of —, Aruba and Bonaire. I. Boldingh, 546*
Current Geographical Papers: *see* Geographical Papers, Current
CURRENTS: *see also* Tides: Bottle Drifted from Mid-North Atlantic to the Orkneys. A. E. Jenks, 452; Effect of Labrador current upon surface temperature of North Atlantic and of the latter upon air temperature and pressure over the British Isles. M. W. C. Hepworth, 394*; Report of survey of tides and currents, 1914. (Canada.) W. B. Dawson, 227* **Maps:** Chart showing drift of ocean current papers, 983* Currents in the Arctic and Antarctic Oceans, with attention to water temperatures, color and formation of ice, and other physical conditions. J. C. Soley, 728*; Set of 10 current charts. J. C. Soley, 240*
Curtin, J., 224*
Curtis, E. S., 57, 700
Cushing, S. W., 72*
Cutter, L. F., 398*
Cyprus: Geology of. C. V. Bellamy, and A. J. Jukes-Browne, 626*; L'ile de Chypre. R. Delaporte, *rev.*, 296
Cyrenaica: Nuove conoscenze intorno all Cirenaica. R. Almagià, 472* Maps: —, 318*, 727*; Grafico della triangolazione in, 78*

D

Dachstein Mts.: Höhlen im Dachstein und ihre Bedeutung für die Geologie, Karsthydrographie und Theorien über Entstehung des Höhleneises. H. Bock, G. Lahmer, and G. Gaunersdorfer, *n.*, 787
Daenell, E., 798*
Dahl, G., 552*
Dakao (Ngoc-Hoàng): Pagode de Dakao. A. E. Lelièvre, and C. A. Clouqueur, 630*
Dakotas: *see* North Dakota and South Dakota
Dalgado, D. G., 787, 804*
Dalla Vedova, G.: Scritti geografici (1863-1913). Scelti, coordinati e ripubblicati a cura d'un comitato di geografi in occasione dell'80° genetliaco dell' Autore, 305*
Dalmatia: Delightful —. A. L. Mosqué, 304*; Pseudo-glacial features of. J. W. Gregory, 775, 803*
Daly, Charles P.: — Medal (Amer. Geogr. Soc.) awarded to P. Vidal de la Blache, 123, 605; Presentation of the Medal, 690
Daly, R. A., 618, 894*
Daly River. J. J. Cummins, 309*
Dampier, W.: Dampiers route längs der nordküste von Kaiser-Wilhelms-Land. O. Reche, 230*
Daniels, J., 718*

Danube: Danubio bajo zu faz técnica, económico y politica. F. Pérez, 553*; Projected opening of upper — for navigation, 880
Darbishire, B. V., 984*; *see also* Herbertson, A. J.
D'Arcy Thompson, W., 231*
DARDANELLES: Dardanellen und ihre Nachbargebiete auf Grund eigener Reisen. E. Frech, 980*; The Gates to the Black Sea: —, Bosphorus, and the Sea of Marmora. H. G. Dwight, 631* **Maps:** Map of —, 728*; Nouvelle carte des opérations en Turquie d'Europe. Dardanelles-Bosphore, 812*; The seat of war in the — and the Bosporus, 812*
Darder, B., 320*
Darmstaedter, P., 217
Darton, N. H., 155*, 364*
Davenport, R. W.: *see* Ellsworth, C. E.
Davies, G. MacDonald, 224*
Davis, E. F., 470*
Davis, J. W., and Hughes, T. H., 304*
Davis, W. G., 152*
Davis, W. M., 74*, 151*, 285, 364*, 609, 633*, 684*
Davis Strait: Wind charts of northernmost part of the Atlantic and of. V. Garde, *rev.*, 140
Davison, C., 310*
Davos: Map, 240*
Dawkins, W. B., 979*
Dawson, W. B., 227*
Day, A. L., and Shepherd, E. S., 310*
Day, C., 623
Day, D. T., 226*, 314
Day, J. P., 798*
Deambrosis, D., 803*
Dean, H. J.: *see* Follansbee, R.
Dearborn, N., 974*
Death Valley: —. (Wealth of world's waste places, etc.). J. C. Gilson, *rev.*, 146; The Hottest region in the United States (Greenland Ranch). G. H. Willson, 809*; *n.*, 956
De Agostini, G., 160*
Debrosse, E., 390*
De Castro, João de: *see* Castro, João de
Dechy, M. von, 556
Defant, A., 802*
De Geer, S., 80*
Dehérain, H., 630*
Delaporte, R., 296
De La Rosa, F., 474*
Delaware: —. (Dodge's Geography). G. A. Harter, 150* Map: Seaford Quad., 635*
Delaware River. W. H. Schoff, 549*
Delhi: The Hour-Glass of India. C. H. Buck, 391*
De Magistris: *see* Magistris, de
Denbigh: Survey of the Honour of Denbigh 1334. Edited by P. Vinogradoff, and F. Morgan, 547*
Dénés (Tinneh): Northwestern — and Northeastern Asiatics: Study on the origin of the former. A. G. Morice, 804*
Deninger, K., and Tauern, O. D., 75
DENMARK: Autour du Circle Polaire. Norvège-Suède-Danemark. P. de Genis, *rev.*, 222; Dänemark. N. V. Ussing (Handbuch der regionalen Geologie), *rev.*, 463; Danmarks geologi i almenfatteligt Omrids. N. V. Ussing. Tredie utgave. Ved P. Harder, 386*; Histoire de l'expension coloniale des peuples européens. Néerlande et Danemark. C. de Lannoy, and H. Vander Linden, *rev.*, 132; Lande og Folk. Skildringer og Livsbilleder fra de Skandinaviske Lande. Edited by E. Akerhjelm, G. Andersson, T. Thoroddsen, and others, *rev.*, 383; Report for 1913 on trade and commerce, 979*; Résumés des cahiers No. 1 jusqu'à 9. Danske Gradmaaling, *rev.*, 713 **Maps:** Limfjorden Hals til Aalborg, 728*; Mariager - Fjord, Randers - Fjord, Kattegat, Ostersöen, etc., 728*
Dennis, J. T., 546*
Deschutes R.: —, and its utilization. F. F. Henshaw, J. H. Lewis, and E. J. McCaustland, 226*
Desdevises du Dezert, G., 894*
DESERTS: Bau der afrikanisch-arabischen Wüste. E. Hennig, 980*; Deserts. J. W. Gregory, 613, 633*; The Desert's Edge. J. R. Smith, 813; Le désert et sa végétation. C. Schröter, 634*; Origin of some desert basins. N. H. Darton, 364*
Detroit R., Map: Lower —, showing Livingstone Channel and positions of aids to navigation, 809*
Deussen, A., 305*
Deustua, R. A., 810*
Deutsche Rundschau für Geographie: Announces suspension of publication, 881
Diastrophism: Shelf-seas of the Paleozoic and their relations to — and time divisions. T. C. Chamberlin, 154*
Dickerson, R. E., 723*
Dickey, J. B. R.: *see* Byers, W. C.

DICTIONARIES: Bibliotheca Japonica. Dictionnaire bibliogr. des ouvrages relatifs à l'Empire japonais. Rangés par ordre chronologique jusqu'à 1870, suivi d'un appendice renfermant la liste alphabétique des principaux ouvrages parus de 1870 à 1912. H. Cordier, *rev.*, 219; English-French-German dictionary specially arranged for use of English-speaking travellers and students. G. F. Chambers, 470*; Lexique de géographie ancienne. M. Besnier, *n.*, 625; Nuovo dizzionario dei comuni e frazioni dei comuni del regno d'Italia. C. Triverio, 627*
Dietrich, B., 626*
Diez, E., 229*
Diller, J. S., 47, 69*, 125, 226*
Dimnet, E., 785
Dimitrescu, A. G., 320*
Dirr, A., 308*, 977*
Discovery and Exploration: *see* Exploration
Distel, L., 304*
Dodge, P., 50
Dodge, R. E., 311*; —, and Kirchwey, C. B., 147; *see also* Bowman, I.
Dominian, L., 72*, 75, 401, 761, 804, 812*, 832, 934
Dor: Materials for history of. G. Dahl, 552*
Doucet, E., 72*
Douglas, G. M., 540
Douglass, A. E.: *see* Huntington, E.
Douvillé, R., 463
Dove, K., 393*
Dowling, D. B., 151*, 389*, 629*, 895*
Drake, Sir Francis: New Light on Drake. Collection of documents relating to his voyage of circumnavigation, 1577-1580. Transl. and edited by Z. Nuttall, 225*
Dreier, C. L., 898*
Drift of a Current: Bottle drifted from Mid-North Atlantic to the Orkneys. A. E. Jenks, 452 Map: Chart showing drift of ocean current papers, 983*
Driftless Area: Discovery of the painted stone, an early observation of. L. Martin, 975*
Drontschilow, K., 632*
Droughts: Sulla ripartizione della secchezza. F. Eredia, 154*
Drude, O.: *see* Engler, A.
Dryer, C. R., 67*, 115*
Drygalski, E. von, 632*, 685*
Drysdale, C. W., 550*, 638*
Duge, F., 74*
Dulieux, P. E., 800*
Dunes: *see* Sand Dunes
Dunlop, J. P., 226*
Du Plessis de Grenédan, J., 231*
Dupuy de Lome, D. E.: *see* Fabrega, O. P.
Durham. (Cambridge County Geographies.) W. H. Weston, 386*
Du Riche Preller: *see* Preller
Durig, A., 154*
Dutch East Indies: *see* East Indies, Dutch
Dwerryhouse, A. R., 466
Dwight, H. G., 232*, 631*
Dzungaria: Record of travel and exploration in — and N. W. Mongolia. D. Carruthers, With 3 chapters on sport by J. H. Miller, 626* Map: Map showing life zones of — and N. W. Mongolia. D. Carruthers, *n.*, 556

E

Eakin, H. M., 388*, 478*
EARTH: Anschauungen des Mittelalters über die Endogenen Erscheinungen der Erde. O. Stegmann, 225*; Beitrag zum Wärmehaushalt des Weltmeers und zum Wasserhaushalt der Erde. W. Schmidt, 633*; Die Erde as Totalebene. Hyperbolische Raumtheorie mit einer Voruntersuchung über die Kegelschnitte. E. Barthel, 893*; A. Hartleben's kleines statistisches Taschenbuch über alle Länder der Erde. F. Umlauft, 548*; Earth: Its genesis and evolution. Considered in the light of most recent scientific research. A. T. Swaine, *rev.*, 545; Earthquake areas of the Earth. J. S. Grasty, 474*; Zum Einfluss der Erdrotation auf die Bewegungen auf der Erde. M. Radaković, 74*; Entstehung der Welt und der Erde nach Sage und Wissenschaft. M. B. Weinstein, 150*; Untergang der Welt und der Erde in Sage und Wissenschaft. M. B. Weinstein, 388*; Erdball, seine Entwicklung und seine Kräfte. A. Sieberg, 225*; Erde und die Kultur. Eroberung und Nutzbarmachung der Erde durch den Menschen. L. Reinhardt, 69*; Erde und ihr Wirtschaftsleben. R. Hotz, 69*; Über erdgeschichtliche Kälteperioden. W. von Lozinski, 154*; Erdrotation und Lichtfortpflanzung. O. Figur, 74*; Geographie des Erdkreises. P. Mela. Aus dem

Earth—*Cont'd.*
lateinischen übersetzt und erläutert von H. Philipp, I. Teil: Mittelmeerländer, 2 Teil: Ozeanländer, 387*; Über das innere der Erde. W. Klussmann, 804*; Radio-activity and earth's thermal history. A. Holmes, 394*; Die wahre thermische Anomalie auf der Erdoberfläche. J. Liznar, 394*; Shelf-seas of the Paleozoic and their relations to Diastrophism and time divisions. T. C. Chamberlin, 154*; Süsswasser der Erde. W. Halbfass, 717*; Transformation der Koordinaten bei der konformen Doppelprojektion der Erdellipsoids auf die Kugel und die Ebene. L. Krüger, 633*; Werden und Vergehen. Eine Entwicklungsgeschichte des Naturganzen in gemeinverständlicher Fassung. Entwicklung der Erde und des Kosmos, Pflanzen, Tiere, und des Menschen. C. Sterne, 150*

Earth Movements: Le frane e il loro studio dal punto di vista geografica. R. Almagià, 633*

EARTHQUAKES: *see also* Seismology: Avezzano earthquake of Jan. 13, 1915. C. H. Beal, 474*; — in Italy, Jan. 13, 1915, 285; — in Central Italy. C. Davison, 310*; — areas of the earth with special reference to recent Italian earthquake. J. S. Grasty, 474*; Erdbebengebiet in Mittelitalien, 393*; Prime osservazioni sul terremoto italiano del 13 gennaio 1915. G. Martinelli, 393*; Terremoto marsicano del 13 Gennaio 1915. L. F. de Magistris, 632*; Central California Earthquake of Nov. 8, 1914. E. F. Davis, 470*; — at Los Alamos, Cal., Jan. 11, 1915. C. H. Beal, 470*; — in Santa Cruz Mts., Cal., Nov. 8, 1914. C. H. Beal, 305*; — at Charleston. S. Taber, 365; — in South Carolina during 1914. S. Taber, 719*; — in Greece, 51; On earthquakes of 1868 in Hawaii. H. O. Wood, 309*; — in Jamaica, 50; Erdbeben Deutschlands in den letzten Jahren und ihr Zusammenhang mit der Tektonik. H. Schelte, 309*; Eruptions and earthquakes of Asama-yama. List of volcanic earthquakes registered at Asama-yama Observatory in 1911 and 1912: Remarks on seismogr. observations in 1911 and 1912: Strong Asama-yama outbursts, Dec. 1912 to May 1914. F. Omori, 152*; Sakura-jima eruptions and earthquakes. F. Omori, 72*; Eruption of 1914. F. Omori, 720*; Grande eruzione del Sakura-shima, 1914. F. A. Perret, 552*; Das isländische Hekla-Beben am 6. Mai 1912. E. G. Harboe, 309*; Mitteleuropäische Beben vom 16. Nov. 1911 und vom 20. Juli 1913. O. Hecker, 553*; Notes on recent earthquakes in New Zealand. G. Hogben, 73*; Nel paesi del terremoto. I. Bonardi, 393*; Seasonal periodicity in earthquakes. W. A. Spalding, 554*
Maps: Geomorphic map of California and Nevada, with portions of Oregon and Idaho, showing diastrophic character of relief, steep descent from sub-continental shelf to the floor of the Pacific, and more important known faults. M. Solem, *n.*, 233

East: *see* Orient

Easter Island: Die Osterinsel. W. Knoche, 73*, 392*

EAST INDIES, DUTCH: Carl Lumholtz in East Indies, 960; Der eerste Schipvaart der Nedelanders naar Oost-Indië onder C. de Houtman 1595-1597. Journalen, documenten en andere bescheiden uitgegeven en toegelicht door G. P. Rouffaer en J. W. Ijzerman, 717*; Grote Problemen der Koffiekultuur. Z. Kamerling, 626*; Indisch Natuuronderzoek. Een beknopte geschidenis van de beoefening der natuurwetenschappen in der Nederlandsche Kolonien. M. J. Sirks, 978*; Jaarboek van het Mijnwezen in Nederl. Oost-Indië, 1912, 229*; Jaarsverslag van den topograph. Dienst, 1913, 308*; Lichtenlijst van Nederlandsch Oost- en West-Indië, 148*; Nederland en de Islâm. C. Snouck Hurgronje, 893*; Scientific research in Malay Archipelago, 51; Tropische natuur in schetsen en kleuren. A. H. Blaauw, 148*; Woningtoestanden en Woningverbetering in Nederlandsch Oost-Indië. D. J. A. Westerveld, 898*

Eastman, C. A., 782

Eckbo, N. B., 631*

Eckel, E. C., 388*

Eckman, S. W., 228*

ECONOMICS: Economic policy of Colbert. A. J. Sargent, 150*; Die Erde und ihr Wirtschaftsleben. R. Hotz, 69*; Natural economic re-

gions. C. R. Dryer, 115*; Origin of property and formation of the village community. J. St. Lewiński, 149*
Ecuador: Cocoa industry in —: (South America. Suppl. geography. J. F., and A. H. Chamberlain), *rev.*, 385; Cuenca, Ecuador's southern city, 551* Map: Reiseweg in Peru und — 1909. W. Sievers, *n.*, 724
Eddy-Wind: *see* under Winds
Eder, P. J., 216
Edmonds, J. H., 627*
Edwards, H. A., 630*
Edwards, J. M., 461
Egerton, W., 630*
EGYPT: Aegypten. Seine volkswirtsch. Grundlagen und sein Wirtschaftsleben. F. Magnus, *rev.*, 294; Alexander in — and some consequences. D. G. Hogarth, 630*; Beiträge zur Kenntnis des Lebens der Mohammedanischen Städter, Fellachen und Beduinen in heutigen Aegypten. F. Schwally, 626*; From Cataract to Equator. J. T. Dennis, *rev.*, 294; Coltivazione del cotone in Egitto. L. Gabbrielli, 551*; Le coton, l'irrigation et le climat, 472*; Egyptian irrigation. W. Willcocks, and J. I. Craig, *rev.*, 541; Commerce extérieur de l'Egypte, 1914, 551*; Customs, superstitions and songs of western Oases. W. J. H. King, 308*; Egyptian Explor. Fund: Cemeteries of Abydos. Part 2: 1911-12. T. E. Peet, 67*; Geogr. Beobachtungen in den Wüsten Egyptens. E. Stromer, 390*; Manual of archæology and guide to the study of antiquities in Egypt. G. Maspero, 626*; Das nordafrik. Wüstenland Mariut. F. Mielert, 390*; Un officier de l'armée d'Egypte, Théviôtte, et son œuvre géographique. H. Déhérain, 630*; Rains of the Nile basin and the Nile flood of 1912. J. I. Craig, 308*; Women of Egypt. E. Cooper, *rev.*, 218 **Maps**: Bartholomew's tourist map of — and the Lower Nile, 399*; Elementary atlas of, [in Arabic], 480*; G. Freytags Kriegskarte von Aegypten, Palästina und Arabien, 399*; Egypt, Survey Dept. Sheets: Northwest Delta, Northeast Delta, Southeast Delta, Fayum, El Saf, 78*; Reise im Nordosten der Libyschen Wüste 1914. P. Borchardt, *n.*, 477; Stanford's map of Turkish Empire with Lower Egypt, etc., 320*
Ehrenfeld, F.: *see* Brown, A. P.
Ehrenreich, Prof. Dr. Paul, *obituary*, 453
Eikenberry, W. L.: *see* Caldwell, O. W.
Eliot, —, 82*, 83*, 87*
Elliott, G. R.: *see* Sauder, P. M.
Ellis, A. J.: *see* Meinzer, O. E.
Ellis, G. W., 630*, 801*
Ellsworth, C. E., and Davenport, R. W., 718*
Ellsworth, W. W., 45
Elsner, G. von, 71*
Elvo: Note idrografiche e morfologiche del Biellese. M. Vanni, 804*
Emerson, F. V., 537*
Emley, W. E.: *see* Burchard, E. F.
Emigration and Immigration: With poor immigrants to America. S. Graham, *rev.*, 375
ENCYCLOPÆDIAS: Encyclopædie van Nederlandsch West-Indië. Edited by H. D. Benjamins, and J. F. Snelleman, *rev.*, 58; Cyclopædia of Names (Century) to be sold as a separate volume, 605; Lande og Folk. Skildringer og Livsbilleder fra de Skandinaviske Lande (Lys over Land). Edited by E. Akerhjelm, G. Andersson, and others, *rev.*, 383
Endle, S., 68*
Engelbrecht, T. H., 72*
Engelhardt, G. P., 472*
Engelhardt, R., 803*
Engeln, O. D. von, 115*; *see also* Tarr, R. S.
ENGLAND: *see also* United Kingdom: Agricultural geography of — on a regional basis. Part 2. E. M. Ward, 721*; Cuban rainfall and English rainfall. A. H. Brown, 211; English Countryside. E. C. Pulbrook, 798*; English historical literature in the fifteenth century. C. L. Kingsford, *rev.*, 133; Distribution of relative humidity in — and Wales. W. F. Stacey, 393*, 534; English Peasantry and the enclosure of common fields. G. Slater, *rev.*, 133; Highways and byways in Shakespeare's country. W. M. Hutton, *rev.*, 544; History of commercial and financial relations between England and Ireland from the Period of Restoration. A. E. Murray, *rev.*, 133; Social and economic history of England and Wales. Vol. 1.: Survey of the Honours of Denbigh 1334. Edited by P. Vinogradoff, and F. Morgan,

England—*Cont'd.*
547*; Leisurely tour in. J. J. Hissey, *n.*, 544; Upper Thames country and Severn-Avon plain. N. E. MacMunn, 626* **Maps:** Anglo-Saxon England in Heptarchic period, 400*; Bacon's contour atlas, 3 editions, 984*; Philips' wall atlas of modern history, 5 maps, 400*
Engler, A., and Drude, O., 378
English Channel: Leuchtfeuerverzeichnis, 1915. Part 4: Englischer Kanal, W.-Küste von England, usw., 473*
English-French-German Dictionary: — specially arranged for use of English-speaking travellers and students. G. F. Chambers, 470*
Enns Valley, Map: G. Freytags Skirouten-Karte des Ennstales und der Rottenmanner Tauern, 238*
Entrecasteaux, Admiral d': Some account of —'s voyage of 1792-3. I. Lee, 150*
Eolian Geology: *see under* Geology
Epirus, Map: Einverleibung des Epirus in Griechenland. L. Bürchner, *n.*, 637
Eredia, F., 154*, 231*
Erichsen, N.: *see* Ross, J.
Erie Canal: New York State Barge Canal. W. H. Schoff, 321, 498, 593
ERITREA: Colonie Italiane. Elenco alfabetico della località abitate nell Libia, —, etc. C. Triverio, 974* **Maps:** Carta del colonia Eritrea, 317*; Carta schematica delle linee telegrafiche e telefoniche della colonia Eritrea, 727*; Commissariato: dell' Acchelè-Guzai, di Assab, di Cheren, del Gasc et Setit, dell' Hamasen, di Massaua, del Seràe, 317*
Erythræan Sea: *see* Red Sea
ESKIMO: One effect of the —'s diet of tough flesh. F. H. S. Knowles, 536; Gli Eschimesi. A. Faustini, 882*; Gli Eschimesi: Razza, gli usi e i costumi, folklore. A. Faustini, 974*; Some ethical phases of Eskimo culture. A. N. Gilbertson, 68*; My life with the Eskimo. V. Stefansson, *rev.*, 139; Prehistoric and present commerce among the Arctic Coast Eskimo. V. Stefansson, 474*, abstract, 688
Eskola, P., 474*, 480*
Essen: — et le bassin métallurgique de la Ruhr. V. Cambon, 721*
Estuaries: Rivers and —, or streams and tides. Elementary study. W. H. Hunter, 68*
Ethiopia: Meroë: Four years' excavations of ancient Ethiopian capital. J. Garstang, 228*
Ethnography: Beiträge zur Ethnographie der Lolo: Katalog der Sammlung Weiss im Kgl. Museum für Völkerkunde zu Berlin. H. Mueller, 898*
Ethnology: Der moderne Betrieb der Völkerkunde. Kulturkreise im Rahmen der Methode der Ethnologie. A. Haberlandt, 154*; Völkerkunde der Altertums. C. Seyfert, 394*
Etna: Recenti eruzioni dell' Etna. G. Platania, 803*
Euphrates: River regulation and control in antiquity. W. Willcocks, 233*
EURASIA: Eurasian waterways in Turkey. L. Dominian, 804*; Suess's classification of Eurasian mountains. J. W. Gregory, 722*
EUROPE: Catalogue des poissons du nord de l'—, avec les noms vulgaires dont on se sert dans les langues de cette région, 553*; Ergebnisse der Beobachtung der mikroseismischen Bewegungen an den Stationen während des Winters 1912/13. O. Hecker, 553*; Some geogr. factors in the distribution of agricultural products in Europe. V. C. Finch, 116*; Mitteleuropäische Beben vom 16. Nov. 1911 und vom 20. Juli 1913. O. Hecker, 553*; Europe from a motor car. R. Richardson, 224*; Geschichte der Europäischer Kolonisation seit der Entdeckung Amerikas. G. Roloff, 149*; Leuchtverzeichnis, 1915, 473* Map of — on the scale of 1:1,000,000. A. R. Hinks, 776; Die neuen transalpinen Bahnen und Bahnprojekte. R. Hennig, 309*; Schiffbau und sein Verhältnis zum Schiffbesitz Europas. A. Oppel, 231*; Schiffbesitz und Auslandsverkehr zur See Europas. A. Oppel, 231*; Plankton production in N. European waters in the spring of 1912. H. H. Gran, 899*; Old World Memories. E. L. Temple, *rev.*, 137; Recent road practice and experience in. W. DeH. Washington, 73*; Récentes découvertes de houille en Allemagne, Belgique et Pays-Bas. L. de Launay, 899*; Travels of Peter Mundy in Europe and Asia, 1608-1667. Edited by R. C. Temple, 387* **Anthropology:** Balder the Beautiful. Fire-festivals of Europe and the doctrine of external

Europe—*Cont'd.*
soul. J. G. Frazer, *rev.*, 301; European caves and early man. N. C. Nelson, 721*; Kulturbeziehungen zwischen Indien, Orient und Europa. G. Wilke, *rev.*, 617 **Geography:** Beiträge zur geogr. Erklärung der "Ora Maritima" Aviens. J. Frank, 231*; Geogr. Studienreise durch W. Europa. W. Hanns, A. Rühl, H. Spethmann, and H. Waldbaur, 153*; Geogr. Vorlesungen in deutscher Sprache an den Hochschulen Mitteleuropas in Wintersemester 1914-15, 153*; Hannibal once more. D. W. Freshfield, *rev.*, 137; Militärgeologie. F. Frech, 473*; Ostronets förekomst, odling och tillgodogörande i Europa. En ekonomisk-geografisk studie. A. Hillman, 309*; Physical geography of western Europe and its bearing upon a military campaign. D. W. Johnson, 125*; Positiven und negativen [paleogeographic] Elemente Europas. T. Arldt, 899* **Linguistic areas in:** Their boundaries and political significance. L. Dominian, 401 **Nations:** Alte Völker Westeuropas und Nordafrikas. K. Penka, 633*; Nations of. C. Morris, *rev.*, 543; Nordische Völker im Altertum. W. J. Beckers, 73* **Political Boundaries and Governments:** Beiträge zur politischen Geographie der Grossmächte. A. Merz, 979*; Governments of. F. A. Ogg, *rev.*, 65; European boundaries in modern history. W. H. Schoff, 445*; New map of Europe 1911-14. Story of recent European diplomatic crises and wars and of Europe's present catastrophe. H. A. Gibbons, *n.*, 967; Political geography of — as affected by its wars. W. W. Ellsworth, 45*; Type of political frontiers in. L. W. Lyde, 309* **Population:** Volksmenge Europas nach H. Wagner. R. Reinhard, 900* **THE WAR:** Countries at war. H. R. Rose, 875; Durchbruchschlacht am Dunajez. R. Barth, *n.*, 900; La guerre dans les possessions allemandes, 633*; La guerre de glaciers et la possession de l'Ortler. E. A. Martel, 979*; Zum Kampfe um die Meerengen. F. Braun, 631*; Militärische Wert von Meerengen und englische Meerengenpolitik. R. Hennig, 802*; Der karpathische Kriegsschauplatz. J. Partsch, 631*; Der Kriegsschauplatz am schwarzen Meer und in Transkaukasien. F. Frech, 802*; Kriegserreignisse in unseren Alpen. H. Hess, 803*; Nations of Europe: Causes and issues of the great war. C. Morris, *rev.*, 543; der östliche Kriegsschauplatz. S. Rudnyćkij, 392*; Problems of readjustment after the war. F. H. Giddings, A. B. Hart, E. R. Johnson, and others, 973*; Ursachen und Ziel des Krieges. A. Osterrieth, 304*; The world-wide war: First stage. A. H. Atteridge, 893* **Economics:** Some considerations in economic geography in connection with the war. G. G. Chisholm, 392*; Deutsch-Italienische Wirtschaftsbeziehungen bis zum Ausbruch des Krieges. A. Müller, 899*; Economic effect of war on South America, 608; Englands Weltwirtschaft und der Krieg. A. Hettner, 717*; Great war's destruction of French forests. J. P. Alaux, 393*; Der nordliche Verkehr während des Krieges. G. Jansen, 979*; Slight effect of the war on United States total commerce. M. Jefferson, 650; Trade and war: Disastrous commercial effect of conflict as shown by eight months' figures, etc. J. J. Macfarlane, 634*; War and world's trade. A. L. Bishop, 641; Wirtschaftliche Grundlagen der Kriegführenden Mächte. A. Oppel, 973*; Wirtschaftskrieg. C. A. Verrijn Stuart, 798* **Effect of the War on Geogr. Work:** Effect on geogr. interests, 46, 881; Geogr. periodicals and the war, 129; Geography and the war, 212, 451; Victims of the, 534; War and Geography. R. M. Brown, 392*; War and Geography. Baron Hulot, 286 **Geography of the War:** Fattori geogr. della guerra attuale. G. Jaja, 553*; Geographic aspects of the war. D. W. Johnson, 175, 265; Geographic notes on the war. D. W. Johnson, 358, 442, 526; Geography of the war. H. Belloc, 309*; Geography and the war. G. B. Roorbach, 73*; Geologisches vom westlichen Kriegschauplatze. E. Hennig, 899*; Guerra mondiale (Suoi fattori geografici e storici). G. Ricchieri, 717*; Naturwiss. im Kriege. I: Militärgeologie. 2: Über Brennstoffvorräte unserer Feinde. 3: Schlachtfelder in geogr.-geol. Hinsicht. F. Frech, 473*; Notes on

Europe—*Cont'd.*
historical and physical geography of theatres of war. V. Cornish, 631*; Physical geography of the war. C. F. Talman, 231*; Physiography of western Europe as a factor in the war. D. W. Johnson, 373*; Some rough "war" notes. [Geogr. characteristics of various sections of the field of war.] L. W. Lyde, 73*; Soldier's geography of Europe. Specially prepared for use of soldiers in training, 547* **Weather factor in:** European winter and the war. R. DeC. Ward, 392*; Meteorologie und Kriegführung. O. Baschin, 633*; Winter as a factor in the great war. R. DeC. Ward, 364*, 612 **MAPS OF EUROPE:** Bacon's wall atlases. Atlas composed of 7 maps: products, contours, rainfall, etc., 640*; Bartholomew's orographical map of central — showing political boundaries, 319*; Collection de cartes murales Vidal-Lablache. Relief général de l'Europe, Europe politique. P. Vidal-Lablache, 160*; Europa sudorientale carta politica, 904*; Europe on the scale of 1:100,000, 12 sheets, 904*; Europe politique, 479* — politique. Cartes extraits de "l'Atlas Universel." V. St.-Martin et Schrader, 319*; General map showing frontiers, 79*; General map showing frontiers, 1914, 79*; Map showing Franco-German frontier, 79*; Maps of Central, 79*, 238*, 319*; Philips' map of central, 238*; Nat. Geogr. Magazine map of new Balkan states and central Europe. J. G. Bartholomew, 79*; N. W. Europe, 812*; S. E. — and the Near East. Hans Schiltbergers Itinerar. J. Bergbauer, *n.*, 478; Skeleton map of western, 238*; P. Langhans: Wirtschafts-Wandkarte von Europa, 984*; Philips' wall atlas of modern history: Europe about 800 A. D., — in the age of the Crusades, — at the time of Reformation—1555, — at the time of Louis XIV, 1702, — under Napoleon, 1810, North-western Europe, 400*; Stanford's library map of, 239*; Stati Europei, 239*; Sydow-Habenicht: Methodischer Wand-Atlas, No. 2. Europa. Oro-hydrogr. Schul-Wandkarte nach E. v. Sydows Plan. H. Habenicht, 984*; Waldkarte von Europa. J. Riedel, *n.*, 314; Zustand der Atmosphäre über — am 8., 9., und 10. August 1910. 14 sheets, 811* **War Maps:** Atlas geogr. edición adaptada especialmente al estudio de la guerra, 1914, 812*; Bacon's picture-map of western war area, 640*; Bartholomew's maps: General war map of Europe and the Mediterranean, 319*, and: Map of Italy and the Balkan States, 812*; British line in Flanders enlarged from French War Office map, 903*; Brooklyn Daily Eagle war maps, 8 maps, 399*; Carta della guerra nostra, 904*; Cartes du théatre de la guerre. Extraits de "l'Atlas Universel." V. St.-Martin, et Schrader, 319*; Contoured maps of war areas: No. 2. Between Petrograd and Berlin, 239*; Contour wall map illustrating military operations in the Seine & Rhine basins, 239*; Countries bordering the North and Baltic Seas, showing naval stations and fortified towns, 319*; D. Reimer's maps: Karte des östlichen Kriegsschauplatzes, Kriegsstands-Karte der Deutschen und Österr.-Ungar. Armeen in 14 tägigen Kurven, Übersicht der gegenwärtigen Kriegslage in Europa und den Mittelmeerländern, 479*; la Guerra nell' Adriatico, 904*; Karten des östlichen und westlichen Kriegsschauplatzes, 479*; Kriegskarte. C. Opitz: Reise- und Verkehrskarte von Mitteleuropa, 239*; Map showing location of modern fortified positions and naval bases, 79*; Map illustrating "the western campaign," 239*; Military map of Europe, compiled from most authentic sources, 79*; Nelson's Atlas of the war, 320*; Nouvelle carte des opérations en Turquie d'Europe, Dardanelles-Bosphore, 812*; Oostelijk Operatietooneel, 640*; Philips' contour war map of, 319*; Philips' large scale strategical war map of Central Europe (western area) with complete index, 319*; Politiken's cort over den østlige krigsskueplads, 640*; Scacchiere Franco-Tedesco, 904*; Scacchiere Russo-Austro-Tedesco, 904*; Seat of war in the Dardanelles and the Bosporus, embracing the country from Adrianople to Constantinople, 812*; Stanford's war maps: 7 maps, 319*; Strategic map of central — showing intern. frontiers, 559*;

Europe—*Cont'd.*
Teatro della guerra, 904*; Vogelschaukarte des westlichen Kriegsschauplatzes, 640*; Walker's European war map, 79*; War atlas compiled by B. V. Darbishire, 984*; War map of Europe. H. B. Petersen, 238*; War map of — Suppl. to war number of Sci. Amer., Sept. 5, 1914, 79*; War map of South Central —, 640*; War zone, 239*
COLONIES AND COLONIZATION: Ansiedelung von Europäern in den Tropen. M. S. Evans, Dr. Hardy, and Dr. Karstedt, 717*; Geschichte der Europäischen Kolonisation seit der Entdeckung Amerikas. G. Roloff, 149*; Histoire de l'expension coloniale des peuples européens. C. de Lannoy, and H. Vander Linden, *rev.*, 132; Kolonien der europäischen Staaten: I., 310*, III, 394*
Evans, A., 903*
Evans, M. S., Hardy, —, and Karstedt, —, 717*
EVAPORATION: Laws of — of water from pans, reservoirs and lakes, sand, soils and plants. 2 Parts. F. H. Bigelow, *rev.*, 620; New determination of oceanic evaporation, 695; Significance of evaporation in animal geography. V. E. Shelford, 154*; Strahlung und Verdunstung an freien Wasserflächen. W. Schmidt, 634*
EVOLUTION: Climate and. W. D. Matthew, 633*; Experimentelle Abstammungs- und Vererbungslehre. E. Lehmann, *rev.*, 622; Werden und Vergehen. Eine Entwicklungsgeschichte des Naturganzen in gemeinverständlicher Fassung. Entwicklung der Erde und des Kosmos, der Pflanzen und wirbellosen Tiere. Entwicklung der Wirbeltiere und des Menschen. C. Sterne, 150*
Ewe: Sammlung von Ewe-Sprichwörten. E. Bürgi, 551*
EXPLORATION AND DISCOVERY: Amazon expedition, 801*; Debt of geogr. science to American Explorers. E. de Margerie, 684*; Effects of the war on — and geographical work, 46; Gli esploratori. A. Faustini, 305*; The Golden Age of Prince Henry the Navigator. J. P. Oliveira Martins, *rev.*, 624; Government [U. S.] books on — and geography, 283; New Vancouver Journal of the discovery of Puget Sound. By member of the *Chatham's* crew. Edited by E. S. Meany, 625*; Un officier de l'armée de l'Egypte, Thévîotte, et son œuvre géographique. H. Dehérain, 630*; Les portugais et l'astronomie nautique à l'époque des grandes découvertes. L. Gallois, 311*; Stories of exploration and discovery. A. B. Archer, 974* **Maps:** Haack-Hertzberg: Grosser historischer Wandatlas, Abt. IV: No. 5: Das Zeitalter der Entdeckungen. H. Hertzberg, 984*

F

Fabrega, O. P., Marin, O. A., and Dupuy de Lome, D. E., 550*
Fairbanks, H. K., 554*
Fairbault, E. R., *see* Malcolm, W.
Fairchild, H. L., 555*
Fairford, F., 887
FALKLAND IS.: West Indies and Guiana, with —, etc. A. E. Aspinall, *n.*, 791; America, including Canada, Falkland Islands, etc. (Oxford Survey of British Empire), *rev.*, 971
Falkner, P. T., 546*
Fallex, M., 315
Fanbion, G., 71*
Fanning, P. R., 229*
Farabee, W. C.: Leader of the Amazon Expedition, 801*
Farlow, W. G., 310*
FAROE IS.: Annuaire météorologique, 1912. Iles Féroé, Islande, etc., 154*; Danish hydrogr. investigations of — in the spring of 1810. M. Knudsen, 231*; Die Seen der Färöer. H. Rudolphi, 231*
Fassig, O. L., 367
Faur, F. du, 712
Faure, C., 801*
Faustini, A., 305*, 386, 882*, 974*
Fauth, P., 305*
Favre, E., 542
Favre, J.: *see* Joukowsky, E.
Fawcett, C. B., 474*
Fawcett, P. H., 390*, 439, 724
Fawcett, W., and Rendle, A. B., 798*
Fay, C. E., 70*
Fechter, P., 803*
Federated Malay States: *see* Malay States, Federated
Fehlinger, H., 311*, 391*, 552*, 894*
Fehrmann, A., 469*
Fels, E., 469*
Fenneman, N. M., 115*, 388*, 894*
Fernald, M. L., 364*, 686*, 722*
Fernando Po: Estudios sobre el cultivo del cacao en. E. Gómez Flores, 801*

Ferrandi, G., 472*
Ferrandi, J., 308*
Ferris, C., Jr., 896*
Fertilizers: International movement of Half-yearly review, March 1, 1915: World's production of fertilizers, international trade in —, consumption in different countries, etc., 723*
Fewkes, J. W., 226*
Fez: Maps, 639*
Ficalho, C. de, 707
Ficker, H. von, 71*
Fidel, C., 391*
Field Museum of Chicago: — and Amer. Mus. of Nat. Hist. to send a joint expedition to South America, 127
Figur, O., 74*
FIJI IS.: Harvard expedition to, 367; Tea from new sources, 394*; Winter holiday in. R. Brummit, *n.*, 453 **Map**: Fiji Islands, 238*
Filippi, F. de, 720*, 802*; —' Asiatic Exp., 229*; —'s Asiatic Exp.: Fourth Report, 391*; —'s discoveries, 127; Relazione prel. sui lavori scientifici della spedizione de — al Karakorum. F. de Filippi, 802*
Finch, G. E., 151*
Finch, V. C., 116*
FINLAND: —, Suppl. Commerce Reports, 1915, *n.*, 890*; Finlande au mille lacs. J. Leclercq, *rev.*, 786; Petrology of Orijärvi region in southwestern. P. Eskola, 474*; Versuch einer Einteilung der Böden des Finnländischen Moränengebietes. B. Frosterus, 554*; Volksbibliotheken Finnlands. E. Suolahti, 474*; Wasserstandsbeobachtungen an den Küsten. Bearbeitung und zusammenstellung des Beobachtungsmaterials von Helsingfors, 1879-1912, Wiborg, Lemström, usw. E. Blomqvist and H. Renqvist, 393* **Maps**: Geologisk Oversiktskarte över Finland, 3 sheets. V. Hackman, 480*; Petrological map of Kisko-Kimito leptite belt. P. Eskola, 480*; Petrological map of Orijäri region. P. Eskola, 480*; Suomi Kartasto, Kartbok öfver Finland, 984*
Finley, J., 780
Finley, J. P., 458, 552*
Fiords: Nature and origin of. J. W. Gregory, 149*; Relative distribution of — and volcanoes. J. W. Gregory, 633*
Fiore, O. de, 632*
Fire-Proof Farm House: A Model — or country Home. A. L. A. Himmelwright, 548*
Fischer, A., 547*
Fischer, H., 554*
FISH AND FISHERIES: Contribution to the biology of mackerel. D. Nilsson, 554*; Fishes of the deep sea. L. Hussakof, 723*; Wohlfahrtseinrichtungen in der Seefischerei. F. Duge, 74*
Fitch, A. H., 388*
Fitzgerald, D. G., 69*
Fitzgerald, M. P., 154*
Fiume, Map: — including Port Martinscica, 903*
Flags, National: Atlante di Bandiere. F. Imperato, 387*
FLANDERS: Flandern. P. Feichner, 803*; Flandern: Eine geographische Skizze. E. Obst, 309*; The spell of. Outline of history, legends and art of Belgium's famous northern province. E. N. Vose, *n.*, 714; Überschwemmungen in Flandern. H. Keller, 631* **Maps**: British line in —, enlarged from French War Office map, 903*
Fleszar, A., 473*
Fletcher, H. J., 899*
Flinders, M.; Early Australian geographers. C. R. Long, 721*
Flintshire: (Cambridge County Geographies). J. M. Edwards, *n.*, 461
FLORIDA: Charlotte-Hafen und Boca Grande, 629*; Florida (Frye's Geography). C. M. Brevard, 151*; — canals, 955; Some — lakes and lake basins. E. H. Sellards, 306*; Florida State Geol. Survey: 6th Ann. Rept., 1914, 307*; 7th Ann. Report, 1915, 976*; Mineral industries and resources of. E. H. Sellards, 306*; Natural resources survey of an area in central —, including part of Marion, Levy, Citrus and Sumter counties. E. H. Sellards, R. M. Harper, and others, 975; Phosphate deposits of. G. C. Matson, 975*; Soil survey of Bradford County. W. C. Byers, A. E. Taylor, J. B. R. Dickey, and N. M. Kirk, 975*; Soil Survey of Pinellas County. G. B. Jones, and T. M. Morrison, 975*; Statistics on mineral industries of — 1914, E. H. Sellards, 975* **Maps**: Phytogeographic map of south Florida. J. W. Harshberger, 478*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*

Fock, G.: *see* Schwabe, K.
Foerster, M. H.: *see* Jaenicke, A. J.
Foerster, W., 74*; —, Haas, K., Koppe, M., Oppenheim, S., and Schülke, A., 467
Follansbee, R., and Dean, H. J., 718*; —, Follett, W. W., and Gray, G. A., 718*; —, Porter, E. A., and Padgett, H. D., 226*; *see also* Grover, N. C., and Lamb, W. A.
Follett, W. W.: *see* Follansbee, R.
Foochow: Report for 1914 on trade of, 977*
Food Supply: Multiplicity of crops as as means of increasing the future food supply. U. P. Hedrick, 74*
Forbin, V., 474*
Ford, H. J., 539
Ford, J. C., and Cundall, F., 716*
Fordham, H. G., 718*
Forest, L. de: A Walloon family in America. Lockwood de Forest and his Forebears, 1500-1848. R. W. de Forest, *rev.*, 454
FORESTS AND FORESTRY: Destruction of forests by sand dunes. H. D. House, 49; Forest influence upon climate. G. A. Pearson, 366; Loblolly or N. C. Pine. W. W. Ashe, 975; Lumber and its uses. R. S. Kellogg, *n.*, 794; What is a National Forest? T. W. Venemann, 233*; Place of forestry among natural sciences. H. S. Graves, 475*; Profession of. H. S. Graves, 394*; Trees in winter. Their study, planting, care and identification. A. F. Blakeslee, and C. D. Jarvis, *rev.*, 545; Story of the white pine. H. Maxwell, 233*
FORMOSA: Blackwater fever in. J. Hatori, 308*; Forstliche Reisen und Studien in Japan, Formosa, usw. (Aus den Waldungen des fernen Ostens). A. Hofmann, *rev.*, 63*; Taiwan, trade in 1914. E. L. Nevelle, 631*
Fornaro, C. de., 541
Fortescue, C. L., 794
Foster, W., 893*
Fournier, L., 553*
Fournier-Vailly, C., 72*
Fowle, F. E., 155*
Fowler, F., 903*
FRANCE: Beiträge zur geogr. Erklärung der "Ora Maritima" Aviens. J. Frank, 231*; Cathedrals of Southern. T. F. Bumpus, *rev.*, 221; Dépopulation de la, 153*; — and French people. L. G. Redmond-Howard, *n.*, 714; Economische verglijking van Frankrijk met Duitschland, 473*; Frankreichs Eigenart. F. G. Hahn, 803*; English-French-German Dictionary. G. F. Chambers, 470*; Great War's destruction of French forests. J. P. Alaux, 393*; Ideal motor tour in. W. Hale, *rev.*, 222; On Old-World Highways. Book of motor rambles in France, Germany, etc. T. D. Murphy, *rev.*, 222; Morphologie des Pyrénées françaises. R. Blanchard, 73*; Northern France. W. E. Griffis, 125*; Northern France. A. S. Riggs, 45*; Le nord-est de la —, de Paris aux Ardennes, aux Vosges et au Rhône. Manuel du voyageur. K. Baedeker, 799*; Southern — including Corsica. Handbook for travellers. K. Baedeker, 717*; Région Privadoise (Ouvèze et Payre). E. Reynier, 553*; Studies in Carto-Bibliography. British and French. H. G. Fordham, 718*; Une vie de berger. [Autobiogr. Sketch.] D. Martin, 553* **Agriculture:** Some phases of agricultural conditions in — since the war began, 694; Céréales et France. J. Du Plessis de Grenédan, 231*; History of grain trade in —, 1400-1710. A. P. Usher, *rev.*, 300 **Commerce:** Le commerce franco-allemand. R. Bonnin, 899*; Reports for 1913 on trade and commerce of various towns and districts, 553*, 632*; for 1914, 979* **Hydrography:** Dispositions générales relatives aux cartes et plans de l'hydrographie française: Signes conventionnels et abréviations, 721*; L'hydrographie du bassin supérieur du Verdon. R. Blanchard, 553*; Recherches hydrogr. sur le régime des côtes, 721* **Meteorology:** Climatologie de la France. Baromètre - thermomètre - vents. G. Houzel, 304*; Pluviosité de la France du sud-est. E. Bénévent, 153* **MAPS:** Campagne 1914, centres aéronautiques, 811*; Carte de la France, 59 sheets, 640*; Carte géologique de la, 640*; Cartes routières au 500,000e. 3 sheets, 319*; England in France (Philips' wall atlas of modern history), 400*; France, 4 maps. Extraits de "l'Atlas Universel." V. St.-Martin et Schrader, 319*; France physique, 811*; France physique, politique et chemins de fer, 811*; France viticole. E. Bertrand, *n.*, 76; Franco-German frontier, 79*; Franco-German frontier and western Germany,

France—*Cont'd.*
319*; Limites des langues d'Oc et d'Oil, 319*; Massif de Gavarnie et du Mont Perdu. F. Schrader, 79*; Maps of various regions, 79*, 904*; Organisation des Luftfahrwesens in Frankreich von Ausbruch des Krieges, *n.*, 477; Ost-Frankreich, 479*; Seat of war in, 319*; 5 sheets reproduced from French Government Survey, 239*; Stanford's war maps: France, 319*; U. S. Hydrographic Office: Charts of Coasts, 559*, 560*
COLONIES: Bedeutung des französischen Kolonialreichs für Frankreich. K. Dove, 393*; Französische Kolonien, 394*; Production de la vanille dans les colonies françaices. Besoins comparés de la métropole, 74* **Maps:** Atlas des colonies françaises. Feuille 4. P. Pelet, 237*
Francis, H. R., 549*, 719*
Frank, J., 231*
Frankfort on the Main: Trade in 1914. H. W. Harris, 900*
Franklin, T. and Griffiths, E. D., 548*, 812*; —, Griffiths, E. D. and Shearmur, E. R., 240*; —, and Shearmur, E. R., 812*, 984*
Fraser, M., 547*
Frazer, J. G., 301, 717*
Frech, F., 473*, 802*, 977*, 980*
Freeman, W. G.; *see* Stone, H.
Freire de Andrade, A., 228*
Freitas, Jordão de, and 3° Visconte de Santarem, 548*
French-English-German Dictionary: Specially arranged for use of English-speaking travellers and students. G. F. Chambers, 470*
Frescoln, S. W.: *see* Kipp, H. A.
Freshfield, D. W., 805*
Freytag, G., and Peucker, K., 79*, 239*
Friedberg, W., 393*
Friedemann, J., 140
Friederici, G., 552*
Friedmann, A.: *see* Hesselberg, T.
Friedrich, E., 76
Frimmel, F. v., 153*
Fripp, M., 802*
Fritz, C., 716
Frizzi, R., 392*
Frobenius, H., 723*
Frobenius, L., 786
Froidevaux, H., 720*
Frost: — protection. W. J. Humphreys, 310*; Outline for study of — and protection against frost damage. W. G. Reed, 982*
Frosterus, B., 554*
Frothingham, E. H., 388*
Führer, A., 552*
Fuller, E. S.: *see* Henshaw, F. F.
Fuller, M. L., 807
Fur Industry: Fur traders and fur bearing animals. M. Petersen, *n.*, 624
Furlong, C. W., 704
Fusan, Map: Plan of — harbour, 318*
Fyfe, H. H., 468*

G

Gabbrielli, L., 551*
Gabun: Mission astronomique à la côte du Gabon et dans le bassin du bas Ogooué. Le Terrier, 71*
Gad, J., 720*
Gäde, K., 803*
Gadow, H., 149*
Gagel, C., 463
Gaillard, R., and Poutrin, L., 541
Gain, L., 722*
Galapagos Is.: Origin of, 694; —. (South America. Suppl. geography). J. F., and A. H. Chamberlain, *rev.*, 385
Galatz: Map, 239*
Gale, H. S., 446; *see also* Lee, W. T.
GALICIA: Illustrierter Führer durch Galizien. M. Orlowicz, and R. Kordys, 224* **Map:** Mapa jenzykowa i wyznaniowa Galicji. W. Choroszewski, 480*
Gallé, P. H., 980*
Gallois, E., 224*
Gallois, L., 311*, 685*
Galpin, S. L., 549*
Galveston: Report for 1913 on trade and commerce of Consular District of, 629*
Gambino, G.: Di tre recenti lutti della didattica geografica: —, L. Marson, P. Sensini. L. F. de Magistris, 805*
Gannett, Henry, *obituary*, 55
Ganong, W. F., 550*
Garbutt, H. W., 897*
García Aparicio, B., 804*
García Calderon, F., 791
Garda Lake: Il Lago di Garda. Monografia geogr. P. Cavallo, 627*; Sulla storia geologica del. T. Taramelli, 804*
Gardiner, J. S., 475*, 721*
Gardner, J. H., 894*
Garfías, V. R., 896*
Garnett, L. M. J., 788
Garrett, W. R., 151*
Garstang, J., 228*
Gasser, G., 225*
Gaunersdorfer, G.: *see* Bock, H.
Gausseron, B. H., 626*
Gavarnie, Map: Massif de —et du Mont Perdu, 79*

Gee, L. C. E., 631*
Gehne, H., 551*
Gehrts, M., 546*
Geikie, Professor James, *obituary*, 289
Gelcich, Eugen, *obituary*, 882
Genis, P. de, 222
Genoa: Genova preromana, romana e medioevale. G. Poggi, *rev.*, 382
Gentil, L., 229*
GEOGRAPHICAL ARTICLES: Summaries of — in English, German or French, 288; Geographical articles on the war: *see under* Europe
Geographical Association: Annual Meeting, 474*
GEOGRAPHICAL LITERATURE AND MAPS: Accessions to the Library, 56, 132, 214, 290, 374, 454, 538, 614, 697, 780, 883, 966
GEOGRAPHICAL NOMENCLATURE: Algonquian Indian names of places in N. Canada. J. B. Tyrrell, 629*; Some Indian place-names of Nebraska. M. R. Gilmore, 115*; Organization of scientific investigation of Indian place-nomenclature of maritime provinces of Canada. W. F. Ganong, 550*; Colorado Geographic Board, 207; Geographic Board of Canada, Decisions, 550*; 13th Report containing all decisions to March 31, 1914, 151*; Geographic Board of the United States: Decisions, 70*, 151*, 306*, 471*, 629*; Geschichtliche Ortsnahmen der Inseln und der östlichen Küste des Adriatischen Meeres. S. László, 803*; Lexique de géographie ancienne. M. Besnier, *n.*, 625; The name of Erythraean Sea. W. H. Schoff, 722*; Names of South Polar Plateau, 287; New York State Board of Geographic Names, 47; Nomi geografici delle colonie italiane. A. Blessich, 977*; Note on spelling of place-names with special reference to the United States. G. G. Chisholm, 684*
GEOGRAPHICAL PAPERS, CURRENT:
North America, 69, 150, 225, 305, 388, 470, 548, 627, 718, 799, 894, 974
Central America and West Indies, 70, 228, 307, 389, 472, 896
South America, 70, 152, 228, 307, 389, 472, 550, 630, 719, 801, 896, 976
Africa, 71, 152, 228, 308, 390, 472, 551, 630, 720, 801, 897, 977
Asia, 71, 152, 229, 308, 391, 472, 552, 630, 720, 802, 898, 977
Australasia and Oceania, 72, 230, 309, 392, 473, 552, 631, 720, 802, 899, 978
Europe, 73, 153, 231, 309, 392, 473, 553, 631, 721, 802, 899, 979
Polar, 74, 232, 310, 474, 722, 804, 901
World and Parts of It, 153, 232, 310, 393, 474, 722, 804, 980
Anthropogeography, 154, 394, 723, 901
Economic and Commercial Geography, 74, 233, 311, 394, 634, 723, 982
Educational, 805, 982
Geophysics, 74, 232, 394, 554, 804
Historical Geography, 155, 311, 723
Mathematical Geography and Cartography, 74, 232, 475, 633, 804, 981
Meteorology and Climatology, 154, 232, 310, 394, 554, 633, 723, 805, 981
Methodology and Teaching, 155, 311, 554, 723
Oceanography, 232, 475, 722, 981
Physical Geography, 74, 154, 310, 394, 475, 554, 633, 722, 804, 981
Phytogeography and Zoogeography, 154, 311, 634
General, 155, 475, 555, 805
GEOGRAPHICAL RECORD, 45, 123, 204, 281, 363, 445, 530, 605, 690, 771, 875, 954
Geographical Societies: Activities of: *see* Amer. Geogr. Soc., Royal Geogr. Soc., etc.
Geographisches Jahrbuch, 1913, 305*; 1914, 881
GEOGRAPHY: Advancing standards of geographical education, 282; To advance the standards of geographic education in our country. C. C. Adams, 115*; Chicago meeting of the Association of American Geographers, 115*; Debt of geographical science to American explorers. E. de Margerie, 684*; Department of Geography, Chicago Univ., 445; Essentials of modern geography and criteria for their determination. G. J. Miller, 312*; First Ann. Report, 1913-14, Committee for Geography, Oxford Univ., 474*; Gegenwärtige Stand der Länderkunde. K. Sapper, 475*;

Geography—*Cont'd.*
Geografia nell'età classica. R. Almagià, 723*; Geography at the British Association. J. McFarlane, 309*; Major Lyons' address at meeting of the British Association, Geogr. Section, 1915, 964; Geography and the business man. E. Van Cleef, 115*; Geography in St. Louis elementary schools. W. J. Stevens, 895*; Geography in summer schools, 370, 453, 607; Geography at Wellesley College, 209; Geography and the War: *see under* Europe; Geschichte der Geographie. K. Kretschmer, 225*; Government books on [U. S.] geography and exploration, 283; Record of United States in geography, 1889-1913. H. G. Bryant, 799*; Hellas als Wiege der wiss. Geographie. E. Oberhummer, 155*; Ideal aim of geography. A. J. Herbertson, 130; Important movement in. R. H. Whitbeck, 555*; Inhalt und Ziele der Kolonialgeographie als Lehrfach. H. Meyer, 982*; Leben und Wirken August Petermanns. E. Weller, *n.*, 974; Outline for field work in geography. W. D. Jones, and C. O. Sauer, 520; Problems of geographic influence. A. P. Brigham, 311*; Studio della geografia, in Italia e fuori con cenni sulla storia della geografia. E. Giampiccolo, 469*; On subject-matter of geography as a science, with special reference to morphographic and morphologic description and terminology. G. Ricchieri, 684*; Suggestions for a course in climatology in correlation with geography. W. E. Whitehouse, *rev.*, 621; Transcontinental Excursion of 1912, Amer. Geogr. Soc.: Development of the. W. M. Davis, 684; History of the. P. Brigham, 684; Publication of Memorial Volume of the, 684
Text-Books: Atlas Geographies: A new visual atlas and geography combined. Part 3, Senior Geography. No. Ia. T. Franklin, E. D. Griffiths, and E. R. Shearmur, 240*; No. 4. T. Franklin, and E. D. Griffiths, 548*; Black's School Geography. Geographical pictures. Edited by S. M. Nicholls, 149*; Erdkunde für Lehrerbildungsanstalten herausgegeben auf Grund der E. von Seydlitz'schen Geographie. I. Teil: für Präparendenanstalten. W. Hering, 2 Teil: für Seminare. G. Lennarz, 149*; Introduction to general geography. A. A. Golding, *rev.*, 797; Junior geography of the world. B. C. Wallis, *rev.*, 146; Lehrbuch der Geographie für Bürgerschuhlen. O. Hirschmann, 799*; Philips' comparative series of wall atlases. Edited by J. F. Unstead, and E. G. R. Taylor. With explanatory handbook for teachers, 984*; Text-book of geography. Practical and physical. R. M. Munro, *n.*, 796; Wealth of world's waste places and Oceania. J. C. Gilson (Series: Redway's geogr. readers), *rev.*, 146; World and its discovery (Oxford Geographies). Description of continents outside Europe based on stories of their explorers. H. B. Wetherill, *n.*, 792
Geography Teaching: Bedeutung Diesterwegs für die Methode des geogr. Unterrichts unter besonderer Berücksichtigung der mathematischen Geographie. F. Rasor, 723*; Educative geography: Notebook for teachers. J. L. Haddon, 718*; Erdkunde an den Lehranstalten für die weibliche Jugend. H. Fischer, 554*; Lehrplan für den erdkundlichen Unterricht an höheren Lehranstalten für die männliche Jugend. F. Lampe, 155*, 555*; Vorlegung eines Lehrplans für erdkundlichen Unterricht an höheren Lehranstalten für die männliche Jugend. F. Lampe, 554*; Erdkundlicher Unterricht an höheren Lehranstalten. R. Lehmann, *rev.*, 796; Geografia nell'insegnamento. Oncora la definizione nel Rosier. G. Jaja, 155*; Geography teacher's resolution, 982*; Half-year course in elements of physical geography and its application. R. E. Dodge, 311*; Laboratory work in high school geography. G. D. Hubbard, 311*; Zur Methodik des erdkundlichen Unterricht. M. G. Schmidt, 555*; Moderne Strömungen im erdkundlichen Unterricht. L. Helmer, 155; National Council of Geography Teachers, 279; The place of map tests in examinations, 805*; Praktische Erdkunde, Übungen und Beobachtungen. K. Rüsewald, *rev.*, 466; Regional geography in secondary schools. R. E. Dodge, 311*; Review questions on the ocean, 982*; Schüllerwanderungen und Erdkunde-Unterricht. R. Bitterling, 554*; What should elemen-

Geography—*Cont'd.*
tary school geography include and in what order should its materials be presented? H. K. Fairbanks, 554*; Situation of towns as subject of teaching in secondary schools. G. G. Chisholm, 155*; Study of geography in normal schools. R. E. Dodge, 311*; The Study of land forms in the school. G. B. Mackie, 312*; Suggestions for improvement of geography teaching. Report of California Committee, 1915. R. E. Dickerson, 723*; Teaching of geography in elementary schools. R. E. Dodge, and C. B. Kirchwey, *rev.*, 147; Teaching of geography and history: Study in method. H. J. Mackinder, 718*; Tendencies in secondary school geography. R. E. Dodge, 311*; Di tre recenti lutti della didattica geografica: G. Gambino—L. Marson—P. Sensini. L. F. de Magistris, 805*

Anthropogeography: Causes of growth of Philadelphia as an industrial center. R. M. Keir, 719*; The Desert's Edge. J. R. Smith, 813; Geografía Social. Conferencia, etc. J. Gutiérrez Sobral, 901*; Geographic factors in Russian history. W. E. Lingelbach, 116*; Geographical bases of interior colonization in the United States. E. Wunderlich, 684*; Géographie humaine. J. Brunhes. Adaptation and translation by I. Bowman, and R. Dodge, 212*; Heredity and environment in development of men. E. G. Conklin, *rev.*, 793; Human relations in glacial lake plains of Ohio. F. Carney, 115*; Influences of geographic conditions upon ancient Mediterranean agriculture. E. C. Semple, 116*; Interpretation and constructive value of authentic instances of geographic control illustrated by specific case [cement factory on Cayuga Lake]. O. D. von Engeln, 115*; Long Eaton District: Geographical conditions and problems of a growing industrial district. C. B. Fawcett, 474*; Man as a geographical agency. C. P. Lucas, 154*, 723*; Natur und Mensch. M. G. Schmidt, *rev.*, 793; Der östliche Kriegsschauplatz: Anthropogeographische Betrachtungen. S. Rudnyćkij, 392*; Physiography and anthropogeography. W. S. Tower, 54; Variation of human activity according to seasons, 530

Biogeography: Notes on significance of the Biota and of biogeography. S. S. Visher, 509

Economic and Commercial Geography: Economic geography. J. McFarlane, *rev.*, 624; Geographic factor in agricultural industries. C. S. Scofield, 364*; Multiplicity of crops as means of increasing the future food supply. U. P. Hedrick, 74*; Natural Economic Regions. C. R. Dryer, 115*; Problems in geography of foreign trade. J. R. Smith, 634* **Maps:** Atlas of commercial geography. F. Allen, 240*

Historical Geography: Géographie de l'histoire. C. Pergameni, 155*; Troy: A Study in Homeric Geography. W. Leaf, 149*

Mathematical Geography: Bedeutung Diesterwegs für die Methode des geogr. Unterrichts unter besonderer Berücksichtigung der mathematischen Geographie. F. Rasor, 723*; Didaktik der Himmelskunde und der astronomischen Geographie. Mit Beiträgen von W. Foerster, K. Haas, S. Oppenheim, A. Schülke, *rev.*, 467; Grundlehren der mathematischen Geographie und elementaren Astronomie. S. Günther, 548*

Military Geography: Grèsivaudan: Studio di carattere geografico militare. D. Deambrosis, 803*; Hannibal Once More. D. W. Freshfield, *rev.*, 137; Schlachtfelder in geographisch-geologischer Hinsicht. F. Frech, 473*

Paleogeography: Delimitation of geologic periods illustrated by paleogeography of North America. C. Schuchert, 150*; Zur Geschichte der paläogeogr. Rekonstruktionen. T. Arldt, 154*; History of paleogeographic maps. T. Arldt, 778; Positiven und negativen Elemente Europas. T. Arldt, 899*

Physical Geography: Cartographic needs of physical geography. A. G. Ogilvie, 310*; Ein neu aufgefundenes Kollegheft nach Kants Vorlesung über physische Geographie. E. Adickes, 149*; Present tendencies in physical geography. F. V. Emerson, 537* **Text-Books:** Brief physical geography. J. W. Davis, and T. H. Hughes, 304*; Half-year course in elements of physical geography and

Geography—*Cont'd.*
its application. R. E. Dodge, 311*; Introduction to physical geography. M. I. Newbigin, 304*; Physical Geography. P. Lake, *rev.*, 619; Physical geography manual. Loose leaf system of fifty simple laboratory exercises for high schools and academies. N. A. Bengston, *rev.*, 147, Erratum, 302

Phytogeography: Anpassungserscheinungen der Alpenpflanzen. A. Günthart, 802*; Classification of botanical science in two dimensions. R. M. Harper, 154*; Etude phytogéogr. de la region du Rio Negro inférieur. L. Hauman-Merck, 303*; Some vegetation types at high altitudes. G. P. Gordon, 154*; Vorlesungen über vergleichende Tier- und Pflanzenkunde zur Einführung für Lehrer, Studierende und Freunde der Naturwissenschaften. A. Wagner, 149* **Map**: Phytogeographic map of south Florida. J. W. Harshberger, 478*

Zoogeography: A. R. Wallace und seine Bedeutung für die Tiergeographie. T. Arldt, 311*; Significance of evaporation in animal geography. V. E. Shelford, 154*; Vorlesungen über vergleichende Tier- und Pflanzenkunde zur Einführung für Lehrer, Studierende und Freunde der Naturwissenschaften. A. Wagner, 149*

Geological Soc. of America: — and Amer. Assn. for Adv. of Sci.: Sessions at San Francisco, 530

GEOLOGY: Certain features of eolic gradation. C. Keyes, 310*; Climate of geologic time. C. Schuchert, 981*; Delimitation of geologic periods illustrated by paleogeography of North America. C. Schuchert, 150*; Factors in movements of strand line and their results in Pleistocene and Post-Pleistocene. J. Barrell, 722*, Including a letter on botanical evidence. M. L. Fernald, 722*; Geological methods in earlier days. J. J. Stevenson, 312*; Geological and topographical maps. Their interpretation and use. Handbook for geologist and civil engineer. A. R. Dwerryhouse, *rev.*, 466; Geologische Wanderbuch. K. G. Volk. Weggenosse für fahrende Schüller und junge Naturfreunde, 386*; Handbuch der regionalen Geologie. Edited by G. Steinmann, and O. Wilckens. Twelve parts relating to different countries by various authors, *rev.*, 463; Intercollegiate geological excursion of New England, 872; Liste des sociétés géologiques, services géologiques et sociétés minières. W. S. Lecky, 155*; Memoir of Newton Horace Winchell. W. Upham, 555*; Memoir of Joseph Le Conte. H. L. Fairchild, 555*; Memoria acerca del Congreso Geol. Intern., XII Session, 1913. O. P. Fabrega, O. A. Marin, and D. E. Dupuy de Lome, 550*; Militärgeologie. F. Frech, 473*; Practical oil geology: Application of geology to oil field problems. D. Hager, 974*; Principles of stratigraphy. A. W. Grabau, *rev.*, 143; Shelf-seas of the Paleozoic and their relations to diastrophism and time divisions. T. C. Chamberlin, 154*; Structural Geology. C. K. Leith, *rev.*, 619; Syllabus of historical geology. A. W. Grabau, *rev.*, 619; Vorschule der Geologie. Gemeinverständliche Einführung und Anleitung zu Beobachtungen in der Heimat. J. Walther, 68*

GEOMORPHOLOGY: Neue Methode auf dem Gebiete der Geomorphologie. A. Rühl, 154*; Remarks on scarp regions. H. Waldbaur, 684*; Remarks on systematic description of land-forms. F. Jaeger, 684*

GEOPHYSICS: Erdrotation und Lichtfortpflanzung. O. Figur, 74*; Geogr. Nachweis eines erdmagnetischen und vulkanischen Vorgängen gemeinsamen Gesetzes. W. Krebs, 394*; Geophysical Journal, 1912, comprising daily values of meteorological and physical elements at three observatories and the Meteor. Office, together with wind components at fixed hours at four anemograph stations: daily values of solar radiation at South Kensington; tabulations and annual summary of occasional soundings of the upper air, 311*; Neuere Forschungen auf dem Gebiet der Meteorologie und Geophysik. A. Wegener, 554*; Radio-activity and earth's thermal history. A. Holmes, 394*

GEORGIA: Georgia (Frye's Geography). O. Ashmore, 151*; Preliminary report on feldspar and mica deposits of. S. L. Galpin, 549*; Sojourn in the primeval Okefinoke. F. Harper, 719*; Underground waters of coastal plain of. L. W. Stephenson, and J. O.

Veatch, 549* **Maps:** Distribution of lithologic divisions of eastern gulf cretaceous deposits and their age equivalencies, 807*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*

German-English-French Dictionary: Specially arranged for the use of English-speaking travellers and students. G. F. Chambers, 470*

Germanic Races: Germanische Stämme und Kulturen zwischen Oder und Passarge zur römischen Kaiserzeit. E. Blume, 627*

GERMANY: In Deutschland und Brasilien. G. Stutzer, *rev.*, 293; Germany since 1870. G. M. Priest, *rev.*, 715; — and its evolution in modern times. H. Lichtenberger, *rev.*, 300; Geschichte der Deutschen Kolonialpolitik. A. Zimmermann, *rev.*, 135; Entvölkerung des Landes. H. Bernhard, 900*; Entwickelung der Höhenmessungen in den Mittelgebirgen Norddeutschlands in zweiten Hälfte des 18. Jahrhunderts. A. Fehrmann, 469*; Erdbeben Deutschlands in den letzten Jahren und ihr Zusammenhang mit der Tektonik. H. Schelte, 309*; Fossilführende Glazial- und Interglazialablagerungen und ihre Leitconchylien in. H. Menzel, 803*; Über geologische Bau Nordwestdeutschlands. E. Haarmann, 393*; Über glazial und interglazial in Norddeutschland. W. Wolff, 153*; Neue magnetische Karten des Deutschen Reiches als Grundlage für geol. Forschungen. A. Nippoldt, 900*; Geogr. Grundlagen des Deutschen Reiches. E. von Drygalski, 632*; Heer- und Handswege der Römer in Westdeutschland. W. Ross, 979*; Steinbrücke. F. K. Müller, 803*; On Old-World Highways. Motor rambles in —, etc., T. D. Murphy, *rev.*, 222; Operations of Prussian Meteorol. Institute. R. DeC. Ward, 612; Southern Germany. Handbook for Travellers. K. Baedeker, 469*; Récentes découvertes de houille en Allemagne, Belgique et Pays-Bas. L. de Launay, 899*; Salzauftrieb: Studien über den Bau der Salzmassen Norddeutschlands. R. Lachmann, 224* **Agriculture:** Entstehung der Ackerböden erläutert an geol.-agron. Verhältnissen in Sachsen, Anhalt und in den Thüringischen Staaten. D. Lienau, 547*; Produits du sol allemand. L. Fournier, 553*; Sugar beet in —, with special attention to its relation to climate. E. Van Cleef, 241, 334 **Commerce:** Commerce franco-allemand. R. Bonnin, 899*; Deutschlands Stellung im Welthandel und im Weltverkehr. Nach stat. Quellen. R. Barmm, 304*; Germany. J. G. Lay, Suppl. Commerce Reports, *n.*, 979*; Trade of 1914 in various cities. H. W. Harris, 900* **Forests:** American trees in German forests. J. S. Illick, 900*; Verdrängung der Laubwälder durch die Nadelwälder in Deutschland. H. B. Jacobi, *rev.*, 134 **Industries and Economics:** Agricultural Alcohol: Studies of its manufacture in Germany. E. Kremers, 474*; Deutsch-italien. Wirtschaftsbeziehungen bis zum Ausbruch des Krieges. A. Müller, 899*; Die deutsche Volkswirtschaft während des Krieges von 1914/15. M. Sering, 900*; Economische verglijking van Frankrijk met Duitschland, 473*; Three industrial nations. England, Germany and the United States. L. R. Blaich, *rev.*, 700 **Sea-Power:** German —: Its rise, progress and economic basis. A. Hurd, and H. Castle, *rev.*, 715 **Sea Coasts:** Ist die deutsche Seeküste ein einheitliches Niederschlagsgebiet? A. Thraen, 309*; Deutsche Nordseeküste als Grenzwehr. E. W. P. Lehmann, 900*; Marschbildungen an den deutschen Nordseeküsten. Eine bodenkundlich-landwirtschaftliche Studie. H. Gruner, *n.*, 715; Meereskundliche Untersuchungen in der deutschen Bucht. F. Wendicke, 68* **MAPS:** Deutsche Rheinländer, Belgien, usw., G. Freytag, and K. Peucker, 79*; Franco-German frontier, 79*; Franco-German frontier and western Germany, 319*; Geol. Karte von Preussen und benachbarten Bundesstaaten, 80*; Karte der nutzbaren Lagerstätten Deutschlands: Preussen und benachbarte Bundesstaaten, 80*; Meyers Deutscher Städteatlas. P. Krauss, and E. Uetrecht, 400*; Norder Piep to Vortrapp Tief, including Helgoland, 904*; Wollindustrie Deutschlands. E. Friedrich, *n.*, 76 **COLONIES:** Deutsche Kolonien. A. D. K. Schwabe, *rev.*, 223; Wie erschliessen wir unsere Kolonien? **O.**

Germany—*Cont'd.*
Blum, and E. Giese, 893*; Geschichte der Deutschen Kolonialpolitik. A. Zimmermann, *rev.*, 135; La guerre dans les possessions allemandes: Version allemande, 633*; Der Krieg in den deutschen Schutzgebieten, 310*; Nutzpflanzen unserer Kolonien und ihre wirtschaftliche Bedeutung für das Mutterland. D. Westermann, 799*; Inhalt und Ziele der Kolonialgeographie als Lehrfach. H. Meyer, 982*; Siedelungs- und Plantagenkolonien. P. Leutwein, 311*; Unsere Kolonie Deutsch-Neu-Guinea. R. Neuhauss, 547* **Maps:** Wirtschafts-Atlas der Deutschen Kolonien, 80*
Gerry, C. N., 226*
Gerth, E., 976
Ghat Oasis: Italian occupation of, 127; L'occupazione di Ghat. G. Piazza, 308*
Giampiccolo, E., 469*
Giannitrapani, L., 553*
Gibbons, H. A., 967
GIBRALTAR: Eddy winds of. H. Harries, 231*; Estrecho de. J. G. Sobral, 717*; Strange rock formations. J. C. Gilson. (Series: Redway's geogr. readers), *rev.*, 146 **Maps:** Gibraltar to Alicante and Cape Spartel, 479*; — to Adra, Spain — South East Coast, 400*
Giddings, F. H., Hart, A. B., Johnson, E. R., Seligman, E. R. A., Wilson, G. G., and others, 973*
Giers, R., 553*
Giese, E.: *see* Blum, O.
Gilbert, G. K., 808
Gilbertson, A. N., 68*
Gill, W., 230*
Gilmore, M. R., 115*
Gilson, J. C., 146
Girardin, P., 803*
Giuffrida-Ruggeri, V., 307*, 801*
Given, M. E., 151*
GLACIAL EPOCH: Commencement et la fin de la période glaciaire. N. O. Holst, 154*; Eiszeitalter. E. Werth, 149*; Quarternary Ice Age. W. B. Wright, *rev.*, 617
GLACIER NATIONAL PARK: Early Pleistocene glaciation in the Rocky Mountains of. W. C. Alden, 150*; Glaciers of. W. C. Alden, 48; Popular guide to its geology and scenery. M. R. Campbell, *rev.*, 614; Glacier National Park, 1915: General information, 895* **Map:** Topographic map of, *n.*, 313
GLACIERS AND GLACIOLOGY: Alaskan glacier studies of the Nat. Geogr. Soc. in Yakutat Bay, Prince William Sound, and Lower Copper R. regions. R. S. Tarr, and L. Martin, *rev.*, 886; Alaskan mountains and glaciers in relation to railway routes. L. Martin, 213*; First exploration of some Alaskan glaciers: Mt. Blackburn, Harvard Glacier, College Fiord, Harriman Fiord, and Columbia Bay. D. Keen, 115*; First exploration of Harvard Glacier, 117; Glacial scenery in Alaska. L. Martin, 172; Muir Glacier in 1911, and 1913. L. Martin, 364*; Studying Alaskan glaciers. D. Keen, 549*; Glaciers of Glacier National Park. W. C. Alden, 150*; Glaciers in the United States, 48; Development of anticyclones over continental glaciers. W. H. Hobbs, 115*; Glaciers on Windward and Leeward Slopes, [British Columbia], 772; Patrician glacier south of Hudson Bay. J. B. Tyrrell, 228*, 691; Glaciers and glaciation of South America. W. H. Schoewe, 976*; La neige et les glaciers en Savoie en 1912. P. Girardin, 803*; Rapport de la Commission Intern. des Glaciers presenté au XIème [XIIème] Congrès Géol. Intern. au Canada en 1913. C. Rabot, 74* **Glacial Erosion:** An argument against glacial erosion. E. Romer, 962; Pseudo-glacial features in Dalmatia. J. W. Gregory, 775, 803* **Glaciation:** Climate of Geologic Time. C. Schuchert, 981*; Discovery of the painted stone, an early observation of a driftless area. L. Martin, 975*; Early Pleistocene Glaciation in the Rocky Mountains of Glacier National Park. W. C. Alden, 150*; Economic aspects of glaciation of Wisconsin. R. H. Whitbeck, 70*; Methods of mapping glacial geology in Wisconsin. E. F. Bean, 115*; Eocene glacial deposits of Colorado. W. W. Atwood, 718*; Estimate of post-glacial and interglacial time in North America. A. P. Coleman, 150*; Etude de morphologie glaciaire: Rive gauche du Grésivaudan. J Blache, 803*; Evolution of glacial Cirque. F. E. Matthes, 115*; Fields of outflow of North American ice-sheet. W. Upham, 150*; Fossilführende Glazial- und Interglazialablagerungen

Glaciers, etc.—*Cont'd.*
und ihre Leitconchylien in Deutschland. H. Menzel, 803*; Glacial phenomena in the north Japanese Alps. K. Oseki, 367; Glaciation of South America. W. H. Schoewe, 976*; Glazialablagerungen der mittleren Niederlande und ihre Beziehungen zum Diluvium der preussischen Rheinlande. K. Keilhack, 980*; Über glazial und interglazial in Norddeutschland. W. Wolff, 153*; Inter-glacial problem in the British Islands. G. W. Lamplugh, 231*; Nieve penitente and allied formations in Himalaya, or surface-forms of névé and ice created or modelled by melting. W. H. Workman, 229*; New center of continental glaciation. J. B. Tyrrell, 228*, 691; Nördliche Fortsetzung der münsterländischen Endmoräne. T. Wegner, 900*; Observations sur la théorie générale des phénomènes glaciaires et sur les galets striés. S. Meunier, 633*; Occurrence of glacial drift on Magdalen Islands. J. W. Goldthwait, 629*; Quarternary Ice Age. W. B. Wright, *rev.*, 617; Recent date of attenuated glacial border in Pennsylvania. G. F. Wright, 151*; The Sangamon interglacial stage in Minnesota and westward. W. Upham, 151* **MAP:** Adai Khokh group from Russian surveys with corrections by H. Raeburn, *n.*, 809
Glaesner, L., 802*
Glamorganshire: —: (Cambridge County Geographies). J. H. Wade, 386*
Glasgow: — Rivers and Streams. Their legend and lore. T. C. Brotchie, *rev.*, 545
Gleditsch, K., 239*
GLOBES: Studien am Globus: Bemerkungen zur Geschichte und Technik der Erdgloben und Winke zu ihrer Benutzung, zugleich als Geleitwort zu den Globen der geographischen Anstalt von J. Perthes in Gotha. H. Haack, 981
Goa: Contribution to study of malaria in. F. de Mello, 552*
Goddard, P. E., 226*
Godthaab: En sommar i Godthaabsnejden. A. Klinckowström, 474*
Goebel, O., 64
Goedel, G., 228*
Gold, E., 554*
Gold Coast: Some facts concerning the. H. Clifford, 71*; — and its Dependencies: The legend and the reality. H. Clifford, 71* Map, 159*
Golden Bough: Study in Magic and Religion. J. G. Frazer, Vol. 12: Bibliography and General Index, 717*
Golding, A. A., 797
Goldschlag, M., 897*
Goldthwait, J. W., 629*
Gómez Flores, E., 801*
Goodale, W. W., 553*
Goode, J. P., 115*, 150*, 812*, 896*
Goodman, P., 150*
Gordon, G. P., 154*
Gordon, H. C., 703
Görgey, R.: *see* Becke, F.
Gornergrat: Nach —, Zermatt, Saas-Fee. H. Behrmann, 68*
Gortani, M., and Toniolo, A. R., 632*
Gostling, F. M., 615
Gould, C. N., 226*
Gould, C. P., 388*
Goury, G., 73*
Graarud, A., 722*
Grabau, A. W., 143, 619
Grace, O. J., 894*
Graham, S., 136, 375, 705, 788
Gran, H. H., 899*
Gran Chaco: Indianerleben. E. Nordenskiöld, 717*
GRAND CANYON OF THE COLORADO: First through the Grand Canyon. J. W. Powell. Being the record of pioneer exploration of the Colorado R. in 1869-70. Edited by H. Kephart, 973*; —. J. C. Gilson (Series: Redway's Geogr. Readers), *rev.*, 146; —: Overdeepening in the. E. von Drygalski, 685*; Physical history of the Grand Cañon district. D. W. Johnson, 373*; Through the — from Wyoming to Mexico. E. L. Kolb, *rev.*, 215
Grande Coulée: K. Oestreich, 685*
Grand Mesa: Coal fields of — and the West Elk Mts. W. T. Lee, 306*
Grant, U. S., and Higgins, D. F., 305*; *see also* Martin, G. C.
Grant, W. L., 625*
Grasty, J. S., 474*
Gratz, Map: Freytags Skirouten-Karte des Grazer Berglandes, 238*
Graves, H. S., 226*, 394*, 475*
Gravier, C., 981*
Gray, G. A.: *see* Follansbee, R., and Grover, N. C.
Great Ayton: Tablet in commemoration of Captain Cook, 961
Great Basin: Surface water supply of the U. S., 1912. F. F. Henshaw, E. A. Porter, and G. C. Ste-

vens, 306*; Stream-gaging stations and publications relating to water resources 1885-1913, Part 8. B. D. Wood, 629*

GREAT BRITAIN: *see also* United Kingdom: Isomeric rainfall maps of British Isles. H. R. Mill, and C. Salter, 611; Wie lange ist Grossbritannien Insel? T. Arldt, 632*; On Old-World Highways. Book of motor rambles in France and Germany, and record of pilgrimage from Land's End to John o'Groat's in Britain. T. D. Murphy, *rev.*, 222; Prehistoric Britain. R. Munro, *rev.*, 134 **Maps**: Roman Britain (Philips' wall atlas of modern history), 400*

Great Lakes: Some influences of — on development of Wisconsin. F. E. Williams, 115*

GREECE: Barometrische Höhenmessungen in den griechisch-türkisschen Grenzländern. V. Hilber, 231*; Earthquake in, 51; Greece of Hellenes. L. M. J. Garnett, *n.*, 788; Griechische Reiseskizzen aus dem Sommer 1912. A. v. Berzeviczy, 627*; Hellas als Wiege der wiss. Geographie. E. Oberhummer, 155*; Mountains of. W. W. Hyde, 803*; Mt. Parnassus. A. E. Phoutrides, 474*; Report for 1913 on trade of Salonica, 979* **Maps**: Einverleibung des Epirus in Griechenland. L. Bürchner, *n.*, 637; Grèce et archipel, carte physique et agricole et lieux historiques. P. Vidal-Lablache, 160*; Greece and the Ægean (W., and A. K. Johnston's series of history maps), 400*; Schematische Übersichts-Skizze der Faltengebirge von Griechenland und Westkleinasien. A. Philippson, *n.*, 398

Green, R. P., 151*

Green Harbour, Spitzbergen. G. Isachsen, 232*

GREENLAND: Annuaire météorologique, 1912: Groënland, Iles Féroé, etc., 154*; Ein arktischer Robinson. E. Mikkelsen, *n.*, 139; Greenland. J. C. Gilson (Series: Redway's Geogr. Readers), *rev.*, 146; Durch Grönlands Eiswüste. A. Wegener, 74*; Magnetische Beobachtungen der Danmark-Expedition. W. Brückmann, 232*; Rasmussen's next expedition to North —, 54; En sommar; i Godthaabsnejden. A. Klinckowström, 474*; Unsere Durchquerung Grönlands, 1912-1913. J. P. Koch. (Koch's Observations on Greenland's Ice Cap), 278 **Map**: Northeast Greenland, 320*

Greenland Ranch, Inyo County, Cal.: The hottest region in the United States. G. H. Willson, 800* *n.*, 956

Greenwood, J. M., and Marbut, C. F., 150*

Gregorovius, F., 383

Gregory, H. E., 364*, 561, 652, 894*

Gregory, J. W., 149*, 157*, 613, 633*, 722*, 775, 803*, 979*

Gregory, W., 975*

Greig, J. P. S.: *see* Newcombe, S. F.

Grésivaudan: Rive gauche du —: Etude de morphologie glaciaire. J. Blache, 803*; —: Studio di carattere geografico militare. D. Deambrosis, 803*

Grice, J. W., 74*

Griffis, W. E., 125*

Griffiths, E. D.: *see* Franklin, T.

Griggs, R. F., 193

Griggs, W. D.: *see* Chilcott, E. F.

Grimaud, Capt., 902

Grinnell, G. B., 214

Gross, A., 639*

Grosse, M., 475*

Grosvenor, E. A., 632*

Grosvenor, G. H., 153*

Grothe, H., 68*

Grout, F. F., and Soper, E. K., 226*

Grover, N. C., Follansbee, R., and Gray, G. A., 719*

Gruner, E., and Bousquet, G., 240*

Gruner, H., 715

Grünfeld, E., 391*

Gsell, S., 702

Guadeloupe: Present condition of active volcanoes of Martinique, St. Vincent and. E. O. Hovey, 692

Guam, Map: Post route map showing post offices, etc., in operation Oct. 1, 1914, 319*

Guatemala: Commerce of — for 1913, 70*

GUIANA: Voyage to —, being the Journal of Jesse de Forest and his Colonies, 1623-1625. (A Walloon Family in America. Lockwood de Forest and his forebears. R. W. de Forest), *rev.*, 454; West Indies and Guiana. A. E. Aspinall, *n.*, 791

British Guiana: British Guiana. G. E. Chamberlin, 551*; Field and forest resources of. J. B. Harrison, and C. K. Bancroft, 878; Timbers of. Report upon collection made by A. G. Bell, H. Stone, and W. G. Freeman, 469*; Door West-Indië.

Guiana—*Cont'd.*
Antillen, Britsch Guyana, etc. C. J. Wijnaendts Francken, 627*; Railway and Hinterland development. W. Egerton, 630* **Maps:** "British Guyana . . . captured from the Dutch by the English in 1795." An old manuscript map, *n.*, 530; Geol. map of — published under direction of F. Fowler, *n.*, 903*
Dutch Guiana: Door West-Indië. Antillen, Panama, Suriname, etc. C. J. Wijnaendts Francken, 627*
Guillemain, C., 71*, 152*
Guinchard, J., 786
Guinea, Portuguese: Ein Besuch der portugies. Guinea-Inseln. Singelmann, 977*
Guinea, Spanish: La Guinea Española, 391*
Gulf Stream: The —, 154*
Gullett, S. H., 380
Gunnison R.: The Canyon of the. K. F. Mather, 115*
Gunsaulus, E. N., 977*
Günthart, A., 802*
Günther, S., 548*, 631*
Guthe, H., 400*
Gutiérrez Sobral, J., 901*

H

Haack, H., 981*
Haardt von Hartenthum, Vincenz, *obituary,* 213
Haarmann, E., 393*
Haas, K.: *see* Foerster, W.
Habenicht, H., *see* Sydow, E. von
Haberlandt, A., 154*
Hackman, V., 480*
Hackmann, H., 457
Haddon, A. C., 149*
Haddon, J. L., 718*
Hadley, J., 905
Hager, D., 974*
Haglund, E., 722*
Hahn, F. G., 803*
Hähnel, O., 230*
Halbfass, W., 632*
Hale, W., 222
Hall, A. D., 233*
Hall, A. G.: *see* Kipp, H. A.
Hall, C. W., and Lehnerts, E. M., 150*
Hall, M., 151*
Hall, W. E.: *see* Horton, A. H.
Haltenberger, M., 729
Hammer, E., 633*
Hammer, M., 802*
Hampstead Heath: Its geology and natural history, 224*
Hanagita-Bremner Region: Geology of. F. H. Moffit, 306*
Hancock, E. T., 470*
Handcock, P. S. P., 966
Handley, W. W., 897*
Hangchow: Report for 1914 on trade of, 977*
Haniel, C. A.: *see* Schulze, G.
Hann, J. von, 228*, 394*, 551*, 801*, 958, 977*; —, and Süring, R., 145
Hannibal: — Once More. D. W. Freshfield, *rev.*, 137
Hanns, W.: Victim of the war, 535; —, Rühl, A., Spethmann, H., and Waldbaur, H., 153*
Hanotaux, G., 377
Hanover: Trade of —, 1914. H. W. Harris, 900*
Hanslik, E., 900*
Hapsburgs: Monarchie des Habsbourgs. [1 Chapter is given to the history of the Hapsburg Dynasty.] H. W. Steed, 717*
Harar: *see* Harrar
Harboe, E. G., 309*
Harder, E. C., and Chamberlin, R. T., 719*, 896*
Harder, P., 386*
Hardy, —: *see* Evans, M. S.
Hare, R. F.: *see* Meinzer, O. E.
Hargreaves, A. J. G.: *see* Rawling, C. G.
Harper, F., 719*
Harper, R. M., 154*, 305*; *see also* Sellards, E. H.
Harrar: Un voyage au. E. Debrosse, 390*
Harries, H., 231*
Harrington, M. W., 288*
Harris, E. L., 980*
Harris, H. W., 900*
Harris, N. D., 702
Harrison, J. B., and Bancroft, C. K., 878
Harshberger, J. W., 305*, 478*, 549*
Hart, A. B.: *see* Giddings, F. H.
Harter, G. A., 150*
Hartley, C. G. (Mrs. W. M. Gallichan), 68*
Hartmann, M., 310*
Hartwig, A., 390*
Harvard Univ.: Field course in physiography and general geology during the summer sessions, 371
Haselhurst, S. R., 68*
Hassan, A. F., 314
Hassberge: Landesnatur, Bevölkerung und Wirtschaftskultur. L. Weismantel, 304*
Hassenstein, —, 71*, 809
Hassinger, H., 153*
Hatori, J., 308*

Hatt, M. P., 722*
Hauman-Merck, L., 303*
Haumant, E.: *see* Rambaud, A.
Havana: All-rail route to, 389*; Havana. M. Wagner, 389*
Havre: Statistics of Commerce, 1914. J. B. Osborne, 632*
HAWAII, TERRITORY OF: Coast Pilot notes on Hawaiian Islands, 73*; On earthquakes of 1868 in Hawaii. H. O. Wood, 309*; —'s great volcanoes and the study of them. S. Powers, 577; Lavas of — and their relations. W. Cross, 631*; Outbreak of Mauna Loa. T. A. Jaggar, 285, 309*; Seismic prelude to the 1914 eruption of Mauna Loa. H. O. Wood, 473*; Volcanoes of Kilauea and Mauna Loa. W. T. Brigham, *rev.*, 381; The Hawaiian as an unskilled laborer. W. W. Goodale, 553*; Report for 1913-14 on trade and commerce of, 978*; Results of spirit leveling in —, 1910 to 1913, inclusive. R. B. Marshall, 230*; Soils of. W. P. Kelley, W. McGregor, and A. R. Thompson, 899* **Map:** Post route map of Hawaii, Samoan islands, and Guam showing post offices, distances, etc., in operation Oct. 1, 1914, 319*
Hawley, J. H.: *see* Heck, N. H.
Hay, O. P., 306
Hayden, H. H., 450
Haye: Carte de la forêt de —, près Nancy, 79*
Hayes, A. O., 976
Hayes, Commodore Sir John: His Voyage and Life (1767-1831). With account of Admiral d'Entrecasteaux's Voyage of 1792-3. I. Lee (Mrs. C. B. Marriott), 150*
Hays, P. C., 977*
Health Resorts: Climatic Data for Health Resorts (Klimat. Faktoren vom balneologischen Standpunkte). J. von Hann, 130
Heck, N. H., and Hawley, J. H., 975*
Hecker, O., 553*
Hecla: Das Hekla-Beben am 6. Mai 1912. E. G. Harboe, 309*
Hedrick, U. P., 74*
Hegemann, E., 142
Hegyfoky, J., 803*
Heiderich, F., 469*
Heidke, P., 71*, 308*, 472*
Heikes, V. C., 306*
Heintzleman, P. S., 630*
Helgoland: Aus —s Vorzeit. E. Hennig, 722*; Deutsche Helgoland. E. Lindemann, *rev.*, 968 Map, 904*
Helland-Hansen, B., 310*
Heller, E.: *see* Roosevelt, T.
Hellmann, G., 394*, 612*
Helmer, L., 155*
Hempel, W., 554*
Henderson, J., 470*
Henke, F. G., 720*
Hennen, R. V., and Reger, D. B., 470*
Hennig, E., 722*, 899*, 980*
Hennig, R., 233*, 309*, 802*, 982*
Henry the Navigator [Prince of Portugal]: The Golden Age of. J. P. Oliveira Martins, *rev.*, 624
Henshaw, F. F., Baldwin, G. C., Stevens, G. C., and Fuller, E. S., 627*: —, Lewis, J. H., and McCaustland, E. J., 226*; —, Porter, E. A., and Stevens, G. C., 306*
Hepburn, D., 970
Hepworth, M. W. C., 138, 394
Herbertson, Andrew J., 74*, 130, 802*; —, and Darbishire, B. V., 240*; —, and Howarth, O. J. R., 971; *obituary*, 696, 778
Herbette, F., 685*
Heredity: — and environment in the development of men. E. G. Conklin, *rev.*, 793
Herefordshire. A. G. Bradley, 68*
Hering, W., 149*
Herman, H., 230*
Herms, W. B., 623
Herrero, J. M., 896*
Herrmann, P., 789
Hertzberg, H., 984*
Herzog, T., 152*
Hess, H., 803*
Hesselberg, T., 981*; —, and Friedmann, A., 232*
Heyse, R., 78*
Hickmann, A. L., 400*
Higgins, D. F.: *see* Grant, U. S.
Hilber, V., 231*
Hildebrandt, A., 477
Hill, B., 226*
Hill, J. M., 627*
Hillman, A., 309*
Himalaya: Nieve penitente and allied formations in — or surface-forms of névé and ice created or modelled by melting. W. H. Workman, 229*
Himmelbauer, A.: *see* Becke, F.
Himmelwright, A. L. A., 548*
Hinemon, J. H., 150*, 151*
Hinks, A. R., 465, 776
Hintze, F. F., Jr., 628*, 810*
Hirschmann, O., 799*
Hissey, J. J., 544
HISTORY: Tabular views of universal history. Series of chronological tables, representing in parallel columns a record of more note-

History—*Cont'd.*
worthy events from earliest times to the present day, together with an alphabetical index. Compiled by G. H. Putnam, 718*; Teaching of geography and history: A study in method. H. J. Mackinder, 718*
Maps: Atlas of Ancient History. W. R. Shepherd, 80*; Haack-Hertzberg: Grosser historischer Wandatlas Abt. IV: Karten zur Kulturgeschichte der Welt No. 5: Das Zeitalter der Entdeckungen, No. 6: Koloniale Expansion des 17. u. 18. Jahrhunderts. H. Hertzberg, 984*; Johnston's series of maps of ancient geography. 1: Orbis Romanus, 2: to illustrate Cæsar de Bello Gallico, 560*; W. & A. K. Johnston's series of history maps, 4 maps, 400*; Philips' new historical atlas for students. R. Muir, 80*
Hobbs, W. H., 115*, 963
Hobelsperger, A., 73*
Hobley, C. W., 71*
Hoeing, J. B., 77*
Hoffer, M., 898*
Hofmann, A., 63
Hogarth, D. G., 546*, 630*
Hogben, G., 73*
Hohe Tauern: Mineralien Tyrols, einschliesslich Vorarlbergs und der Hohen Tauern. G. Gasser, 225*
Holbach, M. M., 900*
Holland, T. H., 722*
Hollis, S., 978*
Holmes, A., 394*
Holmes, J. S., 69*, 975*
Holst, N. O., 154*
Holstein: *see also* Schleswig-Holstein: Zur Kenntnis der Volksdichte des nordöstlichen Holstein und des Kreises Eckenförde. K. Gäde, 803*
Holtedahl, O., 232*
Holway, R. S., 388*, 780
Holy Land: *see* Palestine
Homburg, F., 982*
Homer: —'s Troy to-day. J. E. Conner, 631*; Troy: A study in Homeric Geography. W. Leaf, 149*
Honduras: Currents on the Honduras coast, 70*
Honduras, British: "Sub umbra Floreo" [Economic geography]. J. S. Mulder, 896*; West Indies and Guiana, with —, etc. A. E. Aspinall, *n.*, 791
Honman, C. S., 720*
Hood, C., 69*
Hooper, L., 69*
Hopfner, F., 73*
Hopkins, C. G., Mosier, J. G., Pettit, J. H., and Readhimer, J. E., 69*
Horton, A. H., Hall, W. E., and Jackson, H. J. 549*
Hosséus, C. C., 550*
Hotchkiss, W. O., and Steidtmann, E., 628*
Hotz, R., 69*
House, H. D., 49, 69*
House Building: A model fire-proof farm house or country home. A. L. A. Himmelwright, 548*
Houston, D. F., 226*, 894*
Houtman, C. de: De eerste Schipvaart der Nedelanders naar Oost-Indië onder —, 1595-1597. W. Lodewycksz, 717*
Houzel, G., 304*
Hovey, E. O., 692
Hovey, Horace Carter: Memoir of. J. M. Clarke, 555*
Hovgaard, W., 700
Howard, C., 714
Howarth, O. J. R.: *see* Herbertson, A. J.
Howe, C. D., and White, J. H., 209
Howe, F. C., 388*
Hoyt, W. G., and Ryan, H. J., 628*
Hrdlička, A., 226*
Hrozny, F., 153*
Hubbard, G. D., 311*, 549*
Huber, A., 304*
HUDSON BAY: — and upper Mississippi R. drainage basins. B. D. Wood (Stream-gaging stations and publications relating to water resources 1885-1913), 227*; Patrician glacier south of. J. B. Tyrrell, 228*; Reported discovery of large islands in, 531
HUDSON BAY COMPANY: History of Canadian Wealth. G. Meyers, *n.*, 887; —'s and Red River trade. H. Listenfelt, 974*; Journal of occurrences at Nisqually House, edited by C. B. Bagley, 895*; Masters of the Wilderness. C. B. Reed, *rev.*, 215
Hughes, Luigi, *obituary:* Necrologia. L. F. de Magistris, 805*
Hughes, T. H.: *see* Davis, J. W.
Hull, Prof. E.: Elected a corresponding member of the Amer. Geogr. Soc., 204
Hulot, —, 286
Human Activity: Variation of — according to seasons, 530
Human Relations: Kinship and social organization. W. H. R. Rivers, 149*

Humphrey, H. B., and Weaver, J. E., 388*
Humphreys, M. G., 539
Humphreys, W. J., 310*, 607, 633*
HUNGARY: *see also* Austria-Hungary: Jährliche Temperaturgang auf der grossen Tiefebene in Ungarn. J. Hegyfoky, 803* **Map:** Rumänische Anteil an Bevölkerung Ungarns, der Bukovina, usw. P. Langhans, *n.*, 983
Hunt, A., 309*
Hunt, G., 374
Hunt, H. A., 712, 720*
Hunt, I. L., 230*
Hunter, J. A., 69*
Hunter, J. F., 47
Hunter, W. H., 68*
Huntington, E., 184, 876; —, Schuchert, C., Douglass, A. E., and Kullmer, C. J., 441; — on climatic factor. W. J. Humphreys, 633*
Hurd, A., and Castle, H., 715
Hurst, C. B., 900*
Hussakof, L., 723*
Hutchinson, W. E., 698
Hutton, W. H., 544
Hyde, W. W., 803*
Hydrobiology: Hydrogiol. als selbständige Wiss. und Gründung einer Anstalt für die Hydrobiol. der Binnengewässer. A. Thienemann, 311*
Hygiene: Manuale d'igiene generale e coloniale. G. Sanarelli, 717*
Hygrograph: Instruction for operating the — and tabulating therefrom. C. F. Marvin, 981*

I

Ibbetson, A., 69*
Iberian Peninsula: *see also* Spain and Portugal: Péninsule Ibérique, A.: Espagne. R. Douvillé (Handbuch der regionalen Geologie), *rev.*, 463
Ibo: Anthropol. report on Ibo-speaking peoples of Nigeria. N. W. Thomas, *rev.*, 294
ICE: Experimental studies of ice with reference to glacier structure and motion. R. S. Tarr, and O. D. von Engeln, 394*; Nieve Penitente and allied formations in Himalaya or surface-forms of Névé and ice created or modelled by melting. W. H. Workman, 229*
Ice Age: *see* Glacial Epoch
Icebergs: — and their location in navigation. H. T. Barnes, 475*
Ice Patrol Steamers: Scientific work on the, 695
ICELAND: Annuaire météorol., 1912. Islande, Gröenland, etc., 154*; Botany of. Part 1: Marine algal vegetation. H. Jónsson. Part II: Account of physical geography of Iceland with special reference to plant life. Th. Thoroddsen, *rev.*, 790; Contributions to the hydrography of waters north of. J. N. Nielsen, 73*; Ferdakók. Skyrslur um Rannsóknir á Islandi 1882-1898. T. Thoroddsen, 469*; Hekla-Beben am 6. Mai, 1912. E. G. Harboe, 309*; Islands grösster Vulkan. Dyngjufjöll mit der Askja. H. Spethmann, 627*; Horseback tours in Saga Land. W. S. C. Russell, *rev.*, 790; Iceland. Handbook by S. Stefánsson, 304*; —, the Maid of the North. J. C. Gilson (Redway's Geogr. Readers), *rev.*, 146; Island. J. Pjeturss (Handbuch der regionalen Geologie), *rev.*, 463; Island: Das Land und das Volk. P. Herrmann, *rev.*, 789; Japetus Steendtrups rejser og undersøgelser paa Island i aarene 1839-1840. T. Thoroddsen, 632*; Turistruter paa Island. D. Bruun, 304* **Maps:** Generalstabens topografiske Kort, 11 Sheets, 811*; Islands vestkyst, Breidifjördr öst for Flatey Indsejling til Skardstöd, Saltholmavik og Kroksfjardarnes, 728*
Ichang: Report for 1914 on trade of, 977*
IDAHO: Gold, silver, copper, lead and zinc in Idaho and Washington in 1913. C. N. Gerry, 226*; Natural reforestation in the mountains of northern. H. B. Humphrey, and J. E. Weaver, 388*; Nitrate deposits in southern — and eastern Oregon. G. R. Mansfield, 800*; Profile surveys in Snake R. basin. R. B. Marshall, 227*, 470*; Results of spirit leveling in —, 1896 to 1914, inclusive. R. B. Marshall, 628* **Maps:** Crow Creek Quad., 395*; Lanes Creek Quad., 313*; Pine Quad., 396*; Priest Lake Quad., *n.*, 156
Iddings, J. P., 463
Igidi Desert: L'Igidi. R. Chudeau, 630*
Igorots: — of Lepanto. J. A. Robertson, 720*
Ihering, H. von, 307*, 550*
Ijzerman, M. J., 225*
Iller: Seen des Illergebietes. Eine morphometrische Studie. A. Reissinger, 469*
Illick, J. S., 226*, 306*, 900*

ILLINOIS: Coal resources of District I (Longwall). G. H. Cady, 549*; Coal resources of District VII. F. H. Kay, 549*; Some deep borings in. J. A. Udden, 389*; Illinois (Dodge's Geography). J. P. Goode, 150*; Illinois. (Frye's Geography.) C. A. McMurry, 151*; Lead and zinc deposits of northwestern Illinois. G. H. Cox, 226*; Portland cement resources. A. V. Bleininger, E. F. Lines, and F. E. Layman, 975*; La Salle County Soils. C. G. Hopkins, J. G. Mosier, J. H. Pettit, and J. E. Readhimer, 69*; Summer session in geography, Univ. of Chicago, 370 **Maps:** Baldwin Quad., 156*; Chester Quad., 476*; Crystal City Quad., 395*; Gillespie Quad., 313*; Mount Olive Quad., 806*; Ottawa Quad., *n.*, 635; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Railroad map of, 236*; Renault Quad., 395*; Soil survey map of Lake County, 903*; Vincennes Quad., 635*

Imhoff, D., 982

Immigrants: With poor — to America. S. Graham, *rev.*, 375

Imperato, F., 387*

Im Thurn: *see* Thurn Im

Indexes: *see also* Bibliographies and Catalogues: New York Times Index. A master-key to all newspapers. Vol. 2, 1914, 225*; Tabular Views of Universal History . . . together with an alphabetical index. Compiled by G. H. Putnam, 718*

INDIA: Ancient India. From earliest times to the first century A. D. By E. J. Rapson, *rev.*, 63; Ancient sedimentary iron ores of. C. M. Weld, 898*; Iron in ancient India. P. Neogi, 631*; Birds by wayside, in Europe, etc. A. R. Sherman, 473*; Coloquies on simples and drugs of India. G. da Orta. New ed. annotated and edited by C. de Ficalho. Transl. by C. Markham, *rev.*, 707; Englands Kolonialpolitik in Indien. S. Konow, 631*; English factories in India, 1651-54. Calendar of Documents in the India Office. W. Foster, 893*; Essai on civilisations of —, China, Japan. G. L. Dickinson, 626*; History of economics of Indian famines. A. Loveday, *rev.*, 709; Kulturbeziehungen zwischen Indien, Orient und Europa. G. Wilke, *rev.*, 617; Handbook for travellers in —, Burma and Ceylon. (J. Murray's), 224*, *rev.*, 891; Indien. Ceylon, Vorderindien, Birma, usw. Handbuch für Reisende. K. Baedeker, *rev.*, 457; Holy Land of the Hindus. R. L. Lacey, *rev.*, 456; The Hour-Glass of India. [Delhi.] C. H. Buck, 391*; —: Its life and thought. J. P. Jones, *rev.*, 708; — of To-day. E. C. Meyse-Thompson, *rev.*, 707; —, Malaysia and the Philippines. Study in missions. W. F. Oldham, *rev.*, 62; The Kacháris. S. Endle, 68*; In the lands of the sun. H. R. H. Prince William of Sweden, *n.*, 891; Life in an Indian Outpost. G. Casserly, *rev.*, 296; Origin of Indo-Gangetic trough, commonly called the Himalayan Foredeep. S. Burrard, 552*; Russia and India. J. Pollen, 980*; Südindisches Dorfleben. A. Führer, 552*; And That Reminds Me. Incidents of life spent at sea and in India, etc. S. W. Coxon, *n.*, 792; Westliche Grenzgebiet Britisch-Indiens als strategischer Schutzgürtel. H. Fehlinger, 552*; Winter in. Light impressions of its cities, peoples, and customs. A. B. Spens, *rev.*, 296 **Agriculture:** Agric. statistics of India, 1912-13. Vol. I: Area, classification of area, live stock, etc., 720*; Vol. 2: Area, classification, crops, live stock, etc., 898*; Feldfrüchte Indiens in ihrer geogr. Verbreitung. T. H. Engelbrecht, 72*; Irrigation in —, with special reference to influence on topography. M. Fripp, 802*; Report on control and utilization of rivers and drainage for fertilization of land and mitigation of malaria. E. Buck, 630*; Malaria and rice cultivation. W. H. Kenrick, 552*; Supply of milk in Indian cities. H. H. Mann, 552* **Diseases and Sanitation:** Distribution of guinea-worm in. D. A. Turkhud, 552*; Malaria and rice cultivation. W. H. Kenrick, 552*; Report on control and utilization of rivers and drainage for fertilization of land and mitigation of malaria. E. Buck, 630*; Proceedings of the third All-India Sanitary Conference, Lucknow, 1913, 229*; Supply of milk in Indian cities. H. H. Mann, 552*; Tuberculosis in. W. J. Wanless, 552* **Exploration and Surveys:** Ann. Reports Archæological

India—*Cont'd.*
Survey of —: 1909-10, 1910-11, 978*; Explorations on north-east frontier during 1911-12-13, 259, 391*; Explorazione delle valli Kondus e Hushee nel Karakoram sud-orientale. C. Calciati, 72*; F. de Filippi's Asiatic Expedition, 127; Fourth Report of, 391*; Spedizione scientifica italiana in India ed in Asia Centrale negli anni 1913-14. F. de Filippi, 720*; General report of the Geol. Survey of —, 1914. C. S. Middlemiss, 802*; Report of survey parties for 1912-13, 229* **Meteorology:** Further study of relationships with Indian monsoon rainfall. G. T. Walker, 212; Response to rainfall in India. L. O. Packard, 81; Meteorol. observations taken in the laboratory of Indian Association for Cultivation of Science, 1913, 978*; Meteorology in Mysore, 1912, being results of observations at Bangalore, Mysore, Hassan and Chitaldrug: 20th Ann. Report. N. V. Iyengar, 229*; Report on rainfall registration in Mysore for 1912. N. V. Iyengar, 229* **MAPS:** India and adjacent countries, 3 sheets, 728*; — and adjacent countries. Layered edition, 12 sheets, 238*, India and adjacent countries: (a) Sheets with contours and shading, (b) Physical edition, with contours, shading and altitude tints, 238*; Map of: Degree sheets, a Reprint of old edition with black hachuring, (b) Edition with contours and shading, (3) Physical edition with contours, shading and altitude tints, 238*; — showing density of population, 159*; Indo-Russian triangulation connection, 157*; Part of N. E. Frontier and Tibet showing route of Morshead and Bailey, 1913, *n.*, 556; Wall atlas map of India, 8 sheets: products, vegetation, isotherms, rainfall, etc., 812*

INDIANA: First term in courses on geography, 370; The flood of 1913 in the lower White R. region of. C. A. Malott, 227*; Flood of 1913 in lower White R. region of (Another study of the Ohio Valley flood). H. P. Bybee, and C. A. Malott, 365; Studies in — geography. Edited by C. R. Dryer, 67* **Maps:** Post route maps showing post offices, distances on mail routes, etc., in operation Oct. 1, 1914, 316*; Vincennes Quad., 635*

INDIAN OCEAN: Continental shelf of the northern. G. Ziemendorff, 608; Monthly meteorological data for ten-degree squares in the — and Atlantic Oceans. Computed by the Royal Netherlands Meteor. Institute, 1900-12 and from Intern. Observations, Jan.-June, 1913, 310*; Ozeanogr. Arbeiten S. M. S. "Möwe" im westlichen Indischen Ozean, 1913. W. Brennecke, 804*; Oceanogr. en meteorol. Waarnemingen in den Indischen Oceaan, Dec., Jan., Feb., 1856-1910, *n.*, 616; Sondages exécutés par les navires anglais, 633* **Maps:** Chart of the —, and S. W. Pacific showing drift of ocean current papers, 983*; Oceanogr. en meteor. Waarnemingen in den Indischen Ocean, Maart, April, Mei, 1856-1912, 984*; Zusammenhänge des Zerrungsphänomens b im Grossen und Indischen Ozean. W. Volz, *n.*, 397

INDIANS: Central American: San Blas Indians losing their isolation. J. G. Steese, 773 **North Amerian Indians:** Algonquian Indian names of places in N. Canada. J. B. Tyrrell, 629*; Organization of scientific investigation of Indian place-nomenclature of maritime provinces of Canada. W. F. Ganong, 550*; Myths and folk-lore of Timiskaming Algonquin and Timagami Ojibwa. F. G. Speck, 976*; Indiens du Canada depuis la découverte. C. M. Barbeau, 719*; In the land of head-hunters. Indian life and Indian lore. E. S. Curtis, *n.*, 700; Social organization of Winnebago Indians, an interpretation. P. Radin, 629*; American Indian in the United States. Period 1850-1914. W. K. Moorehead, *rev.*, 600; Indian days of long ago. E. S. Curtis, *n.*, 57; Indian remains near Plainfield, Union Co., and along the Lower Delaware Valley. L. Spier, 628*; Indian Habitations in Sussex County, New Jersey. M. Schrabisch, 628*; Indian slavery in colonial times within the present limits of the United States. A. W. Lauber, *rev.*, 290; The Indian to-day. The past and future of the first American. C. A. Eastman, *n.*, 782; Indians of Greater New York. A. Skinner, *rev.*, 538; Missionary explorers

Indians—*Cont'd.*
among the American Indians. Edited by M. G. Humphreys, *rev.*, 539; Myths of the Modocs. J. Curtin, 224*; The Navajo Country. H. E. Gregory, 561, 652; Navajo Indian in relation to the State [abstract], 691; Northwestern Dénés and Northeastern Asiatics: A study on the origin of the former. A. G. Morice, 804*; Present condition of our knowledge of North American languages. P. E. Goddard, 226*; Dictionary of Choctaw language. C. Byington, 627*; Personal experiences among our North American Indians from 1867 to 1885. W. T. Parker, 625*; Study of North Appalachian Indian Pottery. C. Wren, 303*; Wanderungen nordamerikanischer Indianer: Ein Beitrag zur Methode der Wanderforschung. F. Krause, 548* **South American:** Early man in South America. A. Hrdlička, *rev.*, 960; Indianerleben. El Gran Chaco. E. Nordenskiöld, 717*; Zur sprachlichen Stellung der Millcayac-Indianer. R. Schuller, 720*

INDO-CHINA, FRENCH: Enseignement professionel en Indochine et notre politique indigène. C. Fournier-Vailly, 72*; Sur la formation du delta du Mékong. E. Doucet, 72*; Französisch-Indochina und Japan. M. Hammer, 802*; L'Indo-Chine française: Populations, colonisation, monuments. L. Babonneau, 391*

Indo-Gangetic Trough: On Origin of the —, commonly called the Himalayan Foredeep. S. Burrard, 552*

International Commission on Boundary Waters, 475*

Ionian Sea, Map: Santa Maura, Ithaca and Cephalonia Is., with adjacent coast from Kastrosikia to Kastro Tornese, 479*

IOWA: Ann. Rept., 1912, with accompanying papers, Iowa Geol. Survey, 307*; Earth movements and drainage lines in. J. H. Lees, 549*; Gazetteer of surface waters of. W. G. Hoyt, and H. J. Ryan, 628*; Iowa (Dodge's Geography). W. N. Clifford, 150*; Iowa (Frye's Geography), 151*; Pleistocene deposits in Warren County. J. L. Tilton, 468*; Pleistocene mammals of Iowa. O. P. Hay, 306* **Map:** Post route map showing post offices, distances on mail routes, etc., in operation Oct. 1, 1914, 316*

IRELAND: Bronze age in. G. Coffey, 615; The charm of. B. E. Stevenson, *rev.*, 382; History of commercial and financial relations between England and Ireland from the Period of Restoration. A. E. Murray, *rev.*, 133; Leuchtfeuerverzeichnis, 1915. Part 4: Küsten von Irland, usw., 473* **Maps:** Ireland in the XIIth century prior to Anglo-Norman occupation, Ireland in the middle of the XVIth century, 400*

Iron: — and Steel (Common commodities of commerce). C. Hood, 69*

Iron Gate: Les Portes-de-Fer. L. de Launay, 631*

Irrigation: Indirect benefits of — not generally recognized. H. Marsh, 634*

Isachsen, G., 232*, 725

Isidore of Charax: Parthian stations by: An account of overland trade route between the Levant and India in the First Century B. C. Greek text, with translation and commentary. W. H. Schoff, 552*

Islam: *see* Mohammedanism

ISLANDS: Destruction of. (Erosion and sedimentation in Chesapeake Bay.) J. F. Hunter, 47; Island geography as illustrated by Canary Islands, 879; Cozumel, "The Isle of Swallows," 877

Isle, M. Rollet de l', 722*

Isle of Wight: *see* Wight, Isle of

ITALY: Annuario statistico italiano, Ser. 2, Vol. 3, 1913, 153*; Cavour and the making of modern Italy. 1810-1861. P. Orsi, *n.*, 716; Comparison of Italian and American Bad Lands. O. Marinelli, 685*; Culture des plantes potagères et des fruits. G. Assereto, 803*; Tobaccos grown in Italy. E. Pannain, 722*; Deutsch-Italien. Wirtschaftsbeziehungen bis zum Ausbruch des Krieges. A. Müller, 899*; Frontier cities of. F. C. Albrecht, 722*; Italia moderna (1750-1913). P. Orsi, *rev.*, 383; Lombard towns of —, or cities of ancient Lombardy. E. R. Williams, Jr., *rev.*, 299; Materiali per la climatologia d'Italia. V.: La pioggia nella Campania. C. Colamonico, 722*; Nebulosità in Italia. F. Eredia, 231*; Nuovo dizionario dei comuni e frazioni di comuni del Regno d'Italia secondo il censimento 10 Giungno 1911 e i

Italy—*Cont'd.*
dati ufficiali a tutto Marzo 1914. C. Triverio, 627*; Present condition of forestry in. L. Piccioli, 632*; Report on control and utilization of rivers and drainage for fertilization of land and mitigation of malaria. E. Buck, 632*; Storia sommaria della sezione di Verona del Club Alpino Italiano, 304* **Earthquakes and Volcanoes:** Condizioni sismiche della regione marsicana. M. Baratta, 722*; Earthquake in —, Jan. 13, 1915, 285; Earthquake in central Italy. C. Davison, 310*; Erdbebengebiet in Mittelitalien, 393*; Note sul terremoto di Lonera dell'8 Maggio 1914. V. Sabatini, 979*; Prime osservazioni sul terremoto italiano del 13 gennaio 1915. G. Martinelli, 393*; Terremoto marsicano del 13 gennaio 1915. L. F. de Magistris, 632*; Earthquake areas of the earth with special reference to recent Italian earthquake. J. S. Grasty, 474*; Nel paesi del terremoto. I. Bonardi, 393*; Fenomeni avvenuti a vulcano (Isole Eolie) del 1890 al 1913. O. de Fiore, 632*; Fenomeni errutivi avvenuti allo Stromboli dal 1909 al 1914 ed il loro meccanismo. O. de Fiore, 632*; Recenti eruzioni dell' Etna. G. Platania, 803* **Geography:** Per un "Atlante del paesaggio geografico italiano." M. Gortani, and A. R. Toniolo, 632*; Cartografia dell-Italia nel cinquecento con un saggio sulla cartografia del Piemonte. R. Almagià, 393*; Geografia economica sociale dell'Italia. A. Mariani, 799*; Geographical monographs on various provinces, 799*; Studio della geografia in Italia e fuori con cenni sulla storia della geografia. E. Giampiccolo, 469* **MAPS:** Bartholomew's war map of — and the Balkan States, 812*; Carta della guerra nostra, 904*; Seat of war on Austro-Italian frontier, 811*; Carta geologica d'Italia, 239*; Charts of Coast (U. S. Hydrographic Office), 560*; Filature et tissage de la soie dans l'Italie septentrionale, *n.*, 157; Industrie de la soie en Italie. G. Assereto, *n.*, 157; Sériculture et les marchés de cocons en. G. Assereto, *n.*, 157; Fruits of Italy. G. Assereto, 811*; Grandes cultures maraîchères. G. Assereto, 811*; Italy showing Waldensian churches, 728*; Maps of Italian Provinces, 904*; Sydow-Habenicht: Methodischer Wand-Atlas Nr. 11: Italien. Oro-hydrogr. Schul-Wandkarte nach E. Sydows Plan. H. Habenicht, 984* **COLONIES:** Colonie Italiane. Elenco alfabetico della località abitate nella "Libia, Eritrea," etc. C. Triverio, 974*; Manuale coloniale. P. Revelli, 148*; Nomi geografici delle colonie italiane. A. Blessich, 977*; Il nostro impero coloniale. A. Faustini, 386*; Nuovo dizzionario dei comuni e frazioni di Comuni secondo il censimento 10 Giugno 1911 e i dati ufficiali a tutto Marzo 1914. C. Triverio, 627* **Maps:** Physical maps of, 532
Ithaca I.: Map, 479*
Itineraries: Studies in the bibliography of — and road-books. H. G. Fordham, 718*
Ituri River: Forest and Pygmies. C. Christy, 879, 897*
Ivory Coast: Cercle de Kong. J. Chartier, 390*
Iyengar, K., 552*
Iyengar, N. V., 229*, 318*

J

Jackson, C. T., 539
Jackson, H. J.: *see* Horton, A. H.
Jackson City, Miss.: Map, 236*
Jacobi, H. B., 134
Jaeger, A., 633*
Jaeger, F., 684*
Jaenicke, A. J., and Foerster, M. H., 628*
Jaggar, T. A., 285, 309*
Jaja, G., 155*, 553*
JAMAICA: Earthquake in, 50; Flora of —, containing descriptions of flowering plants. W. Fawcett, and A. B. Rendle, Vol. 3: Dicotyledons, 798*; Handbook of — for 1915. Historical, statistical, and general information, etc. J. C. Ford, and F. Cundall, 716*; A Montane Rain-Forest. Contribution to physiological plant geography of. F. Shreve, 546*
James, H. F., 976*
James River, Va.: Condition and extent of oyster beds of, 306*
Jansen, G., 979*
Janson, O., 387*
JAPAN: Bibliotheca Japonica. Dictionaire bibliogr. des ouvrages relatifs à l'empire japonais. Rangés par ordre chronol. jusqu'à 1870

Japan—*Cont'd.*
suivi d'un appendice renfermant la liste alphabétique des principaux ouvrages parus de 1870 à 1912. H. Cordier, *rev.*, 219; Civilisations of India, China, Japan. G. L. Dickinson, 626*; Coast of Kii, 473*; Coastal plains and block mountains in Japan. S. W. Cushing, 72*; Exploration in northern Japanese Alps. W. Weston, 899*; Some notes on glacial phenomena in North Japanese Alps. K. Oseki, 367, 391*; L'espansione coloniale giapponese. P. S. Rivetta, 720*; Forests of Japan. N. B. Eckbo, 631*; Aus den Waldungen des fernen Ostens. Forstliche Reisen und Studien in Japan, usw. A. Hofmann, *rev.*, 63; Französisch-Indochina und Japan. M. Hammer, 802*; Japan, Today and Tomorrow. H. W. Mabie, *rev.*, 710; Japanische Auswanderung. Parts 1-8: Geschichte und Beweggründe, Hawaii, Vereinigte Staaten, Kanada, usw., E. Schultze, 898*; Tsuredzure Gusa of Yoshida No Kaneyoshi. Being meditations of a recluse in the 14th century. Transl. with notes by G. B. Sansom. Appendix by M. Anezaki on religious conditions in Japan in the XIV century, *rev.*, 64 **Economics:** Economic geography of. K. Oseki, 978*; Japansche Groot-Industrie. J. W. Ramaer, 898*; Un rapport économique sur le Japon, 72*; 14th Financial and Economic Annual of, 1914, 72* **Politics:** Charakter und Politik des Japaners. W. Prenzel, 798*; Japan to America. Symposium of papers by political leaders, etc., on conditions in Japan and on relations between Japan and the United States. Edited by N. Masaoka, *rev.*, 710; Political development of —, 1867-1909. G. E. Uyehara, *rev.*, 458 **Volcanoes and Earthquakes:** Eruptions and earthquakes of Asama-yama. List of volcanic earthquakes registered at — in 1911 and 1912; remarks on seismogr. observations in 1911 and 1912. Strong Asama-yama outbursts, Dec., 1912 to May, 1914. F. Omori, 152*; Notes on eruptions of Asama-Yama, 1908-11. F. Omori, 229*; Eruption of Sakura-jima, 1914. F. Omori, 720*; Rapporto prel. per Istituto Vulcanologico sulla grande eruzione del Sakurashima, Gennaio-Aprile, 1914. F. A. Perret, 552*; Sakura-Jima eruptions and earthquakes. I. F. Omori, 72* **MAPS:** Beziehungen Japans zum Auslande. P. Langhans, *n.*, 727; Geol. map of, 811*; Geol. map of Jōban coal field, 811*; Imperial Geol. Survey of —: Geol. map, Div. IV. 159*, 5 topographic sheets, Div. III. 1 geologic sheet, 810*; Map of — and western Pacific, 320*; Mineral map, 811*; Topographical map, 810*

JAPANESE EMPIRE: Japanese Empire and its economic conditions. J. d'Autremer, *rev.*, 891

Jarvis, C. D.: *see* Blakeslee, A. F.

JAVA: Indien, Java, Siam, usw. Handbuch für Reisende. K. Baedecker, *rev.*, 457; Java et ses habitants. J. Chailley-Bert, *rev.*, 711; Java, zoölogisch en biologisch. J. C. Koningsberger, 72* **Map:** Java en Madoera, 318*

Jeandet, Abel: Un français au Sénégal. B. H. Gausseron, 626*

Jeffers, Le R., 475*

Jefferson, M., 19, 115*, 129, 150*, 346, 364*, 390*, 650

Jeffrey, E. C., 554*

Jenney, Walter, *obituary*, 613

Jerphanion, G., 640*

Jerusalem: Population of, 451; — and the Crusades. E. Blyth, 893*; With Russian pilgrims to. S. Graham, *rev.*, 705

Jews: History of the. P. Goodman, 150*; Distribution of, 369; Geschichte des Volkes Israel. R. Kittel, *rev.*, 301; Studies in Anglo-Jewish History. H. P. Stokes, *rev.*, 300

Jibuti: Gibuti e il suo hinterland. L. Cufino, 308*

Jireček, C., 900*

Jobe, M. L., 481; Miss Jobe returning to Mt. Kitchi, 445

Joerg, W. L. G., 388*

Joffre, J. J. C., 785

Johannesburg: Tägliche Gang des Luftdruckes auf dem Hochlande von Südafrika. J. von Hann, 977*

Johns Hopkins Univ.: Geography in the summer school, 371

Johnson, B. L.: *see* Martin, G. C.

Johnson, D. W., 125*, 175, 265, 358, 373*, 442, 526; —, and Smith, W. S., 628*

Johnson, E. R.: *see* Bakenhus, R. E., and Giddings, F. H.

Johnson, S. C., 57

Johnson, V. W., 787

Johnson, W. E., 151*
Johnston, H. H., 808, 971
Johnston, R. A. A., 800*
Jones, D., and Kwing Tong Woo, 546*
Jones, E., 884
Jones, E. L., 769, 931; — appointed Superintendent of the Coast and Geodetic Survey, 445
Jones, G. B., and Morrison, T. M., 975*
Jones, J. E., 625*
Jones, J. P., 708
Jones, J. W., 151*
Jones, L. A., Schlick, W. J., and Ramser, C. E., 628*; *see also* McCrory, S. H.
Jones, W. D., 116*; —, and Sauer, C. O., 520
Joss, E. C., 978*
Joukowsky, E., and Favre, J., 240*
Jourdy, H. P., 154*
Jubaland: Journey across. R. E. Salkeld, 801*
Juday, C., 126; *see also* Birge, E. A.
Judson, K. B., 303*
Jukes-Browne, A. J.: *see* Bellamy, C. V.
Juneau: Large development in the — gold district, 954
Jungle: Book of the wilderness and. Edited by F. G. Aflalo, 799*
Junod, H. A., 717*
Jura, Franconian: Morphogenetische Studien aus dem Gebiete des Fränkischen Jura. E. Seefeldner, 73*
Jute: Die Jute. Ihre Industrie und volkswirtschaftliche Bedeutung. R. Wolff, *n.*, 794
Jutson, J. T., 721*

K

Kacháris, The. S. Endle, 68*
Kain, C., 800*
Kaindle, R., 900*
Kaiser, E., 309*
KAISERIN AUGUSTA R.: Entdeckungen im Becken des oberen Sepik: Vorläufiger Bericht. Thurnwald, 721*; Exploration of the —, 1912-13. C. O. Sauer, 342; Ergebnisse der Südsee-Expedition, 1908-1910. Vol. 1: Kaiserin-Augusta-Fluss. O. Reche, *rev.*, 542 **Maps**: Skizze zu der Forschungsreise Dr. Thurnwald's im oberen Sepik, *n.*, 725; Stromgebiet des Kaiserin-Augusta-Flusses. M. Moisel, *n.*, 725
KAISER WILHELMS LAND: Dampiers Route längs der nordküste von. O. Reche, 230*; Entdeckungen im Becken des oberen Sepik: Vorläufiger Bericht. Thurnwald, 721*; Kaiser-Wilhelmsland und die Inselwelt im Stillen Ozean, etc. A. D. K. Schwabe, *rev.*, 223 **Map**: Map accompanying "Vom mittleren Sepik zur N. W. Küste von." R. Thurnwald, 725
Kalgoorlie: Geology of the country between — and Coolgardie. C. S. Honman, 720*
Kaltschmid, P., 74*
Kalymnos I.: Map, 399*
Kamerling, Z., 626*
KAMERUN: Beiträge zur Geschichte des Lamidats Ngaundere. Von Briesen, 630*; Berechnungsgrundlagen für die barometr. Höhenmessung in. G. von Elsner, 71*; Conquête du Togoland et du Cameroun, 390*; Erfahrungen und Beobachtungen von Grenz Exp. 1912-13, Abteilung Monda-Dechua. H. Gehne, 551*; Ergebnisse der Schiffahrtsexp. 1913 in. Hassenstein, 71*; Geogr. Arbeiten in Tikar und Wute auf einer Forschungsreise durch Mittel—, 1911-13. F. Thorbecke, 551*; Geomorphol. Probleme aus Kamerun. C. Guillemain, 152*; Im Hochland von Mittel-Kamerun. F. Thorbecke, *rev.*, 785; Kamerun. A. D. K. Schwabe, 223; Meteorol. Beobachtungen aus. Teil 1. Zusammenstellung der Monatsmittel bis zum Jahre 1912 an 40 Stationen höherer Ordnung. P. Heidke, 308*; Über Pygmäen am Sanga. P. Kuhn, 71* **Maps**: Kameruner Schiffahrtsexp.: Lauf des Njong zwischen Mbalmajo und Ndandumbu, *n.*, 808; Map to illustrate paper on Nigeria-Kamerun Boundary Commission of 1912-13. W. V. Nugent, *n.*, 156; Ölpalmenbestände im Bezirk Bare. G. Adams, E. Meyer, and M. Moisel, *n.*, 808
Kane, E. K., 974*
Kanem: Etude anthropol. des populations des régions du Tchad et du. R. Gaillard, and L. Poutrin, *rev.*, 541
Kano: Mission de revitaillement du Tchad par—, Jan. 1912–Déc. 1913. E. Mercier, 390*
KANSAS: Earth products of. W. J. Southerland, 549*; Forest planting in western. R. S. Kellogg, 388*; Occurrence of petroleum and natural gas in Mid-Continent Field. C. N. Gould, 226*; 19th Biennial

Rept., State Board of Agric., 1913 and 1914, 629* **Maps:** Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*
Kansu: Mit Filchner durch — und Tibet. M. Hoffer, 898*
Kant [Emmanuel]: Ein neu aufgefundenes Kollegheft nach Kants Vorlesung über physische Geographie. E. Adickes, 149*
KARAKORAM: Explorazione delle valli Kondus e Hushee nel — sud-orientale. C. Calciati, 72*; Dr. de Filippi's discoveries, 127; Expedition to — and Central Asia 1913-1914. F. de Filippi, 802*; Relazione preliminare sui lavori scientifici della spedizione de Filippi al —, 1913-14. F. de Filippi, 802*
Karlik Tagh, Map: Alpine region of. D. Carruthers, 556
Karst: Trieste et le. E. A. Martel, 900*
Karst Phenomena: Höhlen im Dachstein und ihre Bedeutung für Karsthydrographie, usw. F. Bock, G. Lahner, and G. Gaunersdorfer, *n.*, 787
Karstedt, —, 379; *see also* Evans, M. S.
Karutz, R., 392*
Kashmir: Beyond the Pir Panjal. Life and missionary enterprise in. E. F. Neve, *rev.*, 296
Kassner, C., 475*
Kassner, T., 379
Katanga: *see also* Congo, Belgian: Adventures in Africa under the British, Belgian and Portuguese flags. J. B. Thornhill, *rev.*, 890; Congo-Katanga-Angola. F. Rodriguez, 720*; Über Vegetationsformen in. C. Guillemain, 71*
Katmai Volcano: Effect of eruption of — on land vegetation. R. F. Griggs, 193
Kaudern, W., 303*
Kaufmann Exp. (Menas Exp.): Travels, discoveries, etc., in the Libyan Desert. J. C. E. Falls, *n.*, 703
Kay, F. H., 549*
Kayes: (French Sudan). Tellier, 390*
Kayser, A., 892*
Keable, B. B., 69*
Kearton, C., 973
Keele, J., 550*, 719*
Keen, D., 115*, 549*
Keena, L. J., 976
Keidel, H., 152*, 228*
Keilhack, K., 68*, 284, 898*, 980*
Keir, R. M., 719*
Keller, H., 631*
Kelley, F. B., 290
Kelley, W. P., McGeorge, W., and Thompson, A. R., 899*
Kellogg, R. S., 388, 794
Kelsey, C. E., 799*
Keltie, J. Scott: Cullum Geographical Medal (Amer. Geogr. Soc.), awarded to, 123; Presentation of the Medal, 281; — Receives gold medal from the Paris Geogr. Soc., 537; — Receives gold medal from the Royal Scottish Geogr. Soc., 965
Kenai Peninsula: Geology and mineral resources of. G. C. Martin, B. L. Johnson, and U. S. Grant, *n.*, 895
Kenrick, W. H., 552*
KENTUCKY: Economic geology of portion of Edmonson and Grayson Counties. J. O. Bryant, 69*; Kentucky (Frye's Geography). R. P. Green, 151*; Second Ann. Rept., — Geol. Survey, 1914, 389*; Stories of Old Kentucky. M. G. Purcell, 546* **Maps:** Cincinnati Quad., *n.*, 156; Clintwood Quad., *n.*, 635; Four sheets showing geology of Green River region, 77*; Hindman Quad., *n.*, 476; Map of upper Cumberland Valley and contiguous regions, of Licking Valley region, of western border of eastern coalfield, Prel. map of Pineville and Middlesboro regions, and revised prel. map of south-east — compiled from actual surveys and field notes. J. B. Hoeing, 77*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Railroad map of, 77*
Kephart, H., 973*, 974*
Kerr, J. A.: *see* Lounsbury, C.
Keyes, C., 310*
Keysser, —, Stolz, —, and others, 220.
Kiangsu: Report of Board of Engineers on Huai R. Conservancy Project in Provinces of — and Anhui, 473*
Kiao-chau: Kiautschou. A. D. K. Schwabe, *rev.*, 223; Kiautschau. H. Schmitthenner, 308*; Kiaochow-Tsingtau. W. R. Peck, 898*
Kiepert, H., 480*
Kii: Coast of, 473*
Kilauea: Volcanoes of — and Mauna Loa. W. T. Brigham, *rev.*, 381
Kilimanjaro: Forschungen am Kilimandscharo, 1912. F. Klute, 229*, 551*

Kimball, H. H., 799*, 981*
Kincer, J. B., 628*
Kindle, E. M., 388*; —, and Burling, L. D., 800*
King, P. C., 229*
King, W. J. H., 308*
Kingsford, C. L., 133
Kingsley, Nelson: Diary of. A California Argonaut of 1849. F. J. Teggart, 302*
Kingsmill, C. E., 227*
Kinross: Clackmannan and. J. P. Day (Cambridge County Geographies), 798*
Kinship: — and Social Organization. W. H. R. Rivers, 149*
Kioto: *see* Kyoto
Kipp, H. A., Hall, A. G., and Frescoln, S. W., 628*
Kirchwey, C. B., 306*; *see also* Dodge, R. E.
Kirk, N. M.: *see* Byers, W. C.
Kitchener, Lord: Receives Livingstone Gold Medal, 965
Kitchi Mt.: *see* Mt. Kitchi
Kite Ascents: International kite and balloon ascents. E. Gold, 554*
Kittel, K., 301
Kivu Lake: Bilder aus dem Vulkangebiet am Kiwu-See. Schumacher, 551*; New Volcano in the — region, 879
Kleinkemm, H., 71*
Klem, M. J., 306*
Klinckowström, A., 474*
Klotz, O., 74*, 158*, 307*, 550*
Klussmann, W., 804*
Klute, F., 229*, 551*
Kmunke, R., 318*, 704
Knapp, C.: *see* Michel, G.
Knapp, H. S.: *see* Bakenhus, R. E.
Knight, F. A., 893*
Knoche, W., 73*, 307*, 308*, 392*; —: Vieljährige Jahressummen des Regenfalls in Chile. J. von Hann, 801*
Knowles, F. H. S., 536
Knowlton, A. J.: *see* Allen, L. R.
Knox, J., 376
Knudsen, M., 231*
Koch, J. P., 278; —'s Observations on Greenland's Ice-Cap. W. H. Hobbs, 278
Koebel, W. H., 783
Koegel, L., 152*, 476, 477*
Koehler, W., 70*
Koetei: Een bezoek ann eenige oudheden in. H. Witkamp, 72*
Köhler, F., 390*
Kokand: Von Lübeck nach. Ein Reisebericht. R. Karutz, 392*
Kolb, E. L., 215
Kolderup, C. F., 399*
Koldewey, R., 966
Koningsberger, J. C., 72*
Konow, S., 631*
Koons, E. W., 899*
Koppe, M.: *see* Foerster, W.
Köppen, W., 74*, 369, 805*
Koraen, T., 73*
Kordofan: — and the region to the west of White Nile, 626*
Kordys, R.: *see* Orlowicz, M.
KOREA: Afforestation in. E. W. Koons, 899*; Ann. Report of Meteor. Observatory of Govt. Gen. of Korea, 1912, 68*, for 1913, 899; Ann. Report on reforms and progress in — 1912-13, 308*; Eisenbahnen in. Dr. Preyer, 547*
Maps: Geol. map of Korea state, 318*; Map of Chosen, 318*; Plans of harbors, 318*; Übersichtskarte der Eisenbahnen in. Dr. Preyer, 559*
Kossowitsch, P., 788
Kotas, J., and Londzin, J., 224*
Krahmer, —, 893*
Krause, F., 548*
Krauss, P., and Uetrecht, E., 400*
Krebs, C. E., and Teets, D. D., Jr., 628*, 810*
Krebs, N., 310*
Krebs, W., 394*, 897*
Kremers, E., 474*
Kretschmer, K., 225*
Kropotkin, P., 717*
Krüger, L., 633*
Kruijt, A. C.: *see* Adriani, N.
Krümmel, O.: —'s Handbook of Oceanography, *rev.*, 940
Kuen Lun: Mountain panoramas from the Pamirs and. A. Stein, *rev.*, 63
Kuhn, P., 71*; *see also* Schwabe, K.
Kullmer, C. J.: *see* Huntington, E.
Külz, —, and Leber, —, 72*
Kümmel, H. B.: *see* Lewis, J. V.
Kundelun Mts.: *see* Turgun Mts.
Kuo, Ping Wen, 546*
Kurdistan: Cradle of Mankind: Life in Eastern —. W. A. Wigram, and E. T. A. Wigram, *rev.*, 219; Journey through Turkish Armenia and Persian Khurdistan. M. P. Price, 472*; Journey through — and Azerbaijan, 68*
Kuskokwim River: The — to be opened to commerce, 205; Further surveys of the —, 954
Kwing Tong Woo, 546*
Kyoto: The home of typical Japanese, 224*

L

Labrador: Tourist's maritime provinces: With chapters on —, etc. R. K. Wood, *n.*, 782
Labrador Current: Effect of — upon surface temperature of North Atlantic and of the latter upon air temperature and pressure over British Isles. M. W. C. Hepworth, 394*
Lacey, R. L., 456
Lachmann, R., 224*
Ladouce, F. D., 317*
Ladrones: Insel Tinian und ihre Stellung im Marianen-Bogen. H. Seidel, 230*; Die deutsche Marianeninsel Rota. H. Seidel, 309* Map: Insel Rota, 319*
Lafone Quevedo, S. A., 546*
La Gorge, J. O., 975*
Laguna Bebedero: Constitución geológica, hidrogeología y minerales de aplicación de San Luis. E. Gerth, *n.*, 976
Lahner, G.: *see* Bock, H.
Laite, W. J., 705
Lake, P., 619
LAKES AND LIMNOLOGY: Age of Loch Long, and its relation to the Valley system of southern Scotland. J. W. Gregory, 979*; Alpine, Lowland, and Jura lakes in Switzerland. C. S. Du Riche Preller, 804*; Some Florida lakes and lake basins. E. H. Sellards, 306*; Inland lakes of Wisconsin. E. A. Birge, and C. Juday, 627*; Lago di Garda. P. Cavallo, 627*; Lake Tahoe in winter. J. E. Church, Jr., 470*; Seen des Illergebietes. Morphometrische Studie. A. Reissinger, 469*; Seenstudien: Plansee. E. Fels, 469*
Lamaseries: Lamasery Life. F. H. Nichols, 100
Lamb, G. N., 800*
Lamb, W. A., Follansbee, R., and Padgett, H. D., 226*, 781
Lambart, H. C., 462
Lambart, H. F. J., 800*
La Manche: *see* English Channel
Lampe, F., 155*, 554*, 795
Lamplugh, G. W., 231*
Lancrenon, P., 71*
Landes, H., 151*
Land Forms: *see* Geomorphology
Land and Sea Levels: Changes of relative, 475*
Land Slides: Le frane e il loro studio dal punto di vista geografica. R. Almagià, 633*
Lands, Arid: Discussion on physiography of. T. H. Holland, 722*
Lange, A., 784
Langenbeck, R., 393*, 631*
Langhans, P., 725, 727, 983*
Langille, H. D., 306*
LANGUAGES: Cantonese phonetic reader. D. Jones, and Kwing Tong Woo, 546*; Dictionary of Choctaw language. C. Byington, 627*; Linguistic areas in Europe: Their boundaries and political significance. L. Dominian, 401; Panjabi phonetic reader. T. G. Bailey, 547*; Present condition of our knowledge of North American languages. P. E. Goddard, 226*; Rã-txa Hu-ní-ku-i. Lingua dos Caxinauás do Rio Ibuaçu affluente do Muru. J. C. de Abreu, 386*; Sammlung der Ewe-Sprichwörten. E. Bürgi, 551*; Specimens of languages from Southern Nigeria. N. W. Thomas, *rev.*, 294; Zur sprachlichen Stellung der Millcayac-Indianer. R. Schilling, 720*; Subanu: Studies of Sub-Visayan folk of Mindanao. Part 2: Discussion of linguistic material. W. Churchill, *rev.*, 458; Eine Untersuchung der Entwicklungsgesetze von Sprache, Mythus und Sitte. W. Wundt, *rev.*, 621 **Maps:** Limites des langues d'Oc et d'Oil, 319*; Mapa jenzykowa i wyznaniowa Galicji. W. Choroszewski, 480*; Sprachenkarte von Russisch-Polen nach der ersten Russischen Volkszählung von 1897, *n.*, 477
Lannoy, C. de, and Vander Linden, H., 132
Lapham, J. E.: *see* Marbut, C. F.
Lapham, M. H.: *see* Marbut, C. F.
La Plata, Rio: *see* Rio de la Plata
La Serena: Sumas compensadas del agua caída anual de —, etc. W. Knoche, 307*
Lassen Peak: Eruptions of. J. S. Diller, 47, 69*, 125, 226*; Eruptions at Mt. Lassen, 530; Volcanic activity of. R. S. Holway, 388*
László, S., 803*
Latimer, W. J., 628*
La Touche, T. H. D., 391*
Lauber, A. W., 290
Laufer, B., 552*
Laughton, A. M., 547*
Launay, A., 80*, 320*
Launay, L. de, 67, 631*, 789, 899*, 981*
Lausberg, C., 139

Lautensach, H., 722*
Lawson, A. C., 150*
Lay, J. G., 979*
Layman, F. E.: *see* Bleininger, A. V.
Leaf, W., 149*
Lebanon, Map: Carte du Liban, 640*
Leber, —: *see* Külz
Lecky, W. S., 155*
Leclercq, J., 69*, 786
Leclère, A., 297
Le Conte, Joseph: Memoir of. H. L. Fairchild, 555*
LeConte, J. N., 789
Lee, I. (Mrs. C. B. Marriott), 150*
Lee, J., 304*
Lee, W. T., 306*; —, Stone, R. W., Gale, H. S., and others, 697
Leeds, E. T., 65
Lees, J. H., 549*
Leffingwell, E. de K.: —'s work in Alaska, 287
Leger, L., 631*
Legrand, R., 472*
Lehmann, E., 622
Lehmann, F. W. P., 900*, 983*
Lehmann, R., 796
Lehner, W., 721*
Lehnerts, E. M.: *see* Hall, C. W.
Leicestershire. C. E. Kelsey (Oxford County Histories), 799*
Leipzig, Map: Übersichtsplan der Höhenfestpunkte, 239*
Leith, C. K., 225*, 619
Lelièvre, A. E., and Clouqueur, C. A., 630*
Lemoine, P., 463
Lempfert, R. G. K., 982*
Lennarz, G., 149*
Leon: Map, 728*
Lepanto: Igorots of. J. A. Robertson, 720*
Lérida: Map, 728*
Lescarbot, M., 625*
Lesgaft, E., 387*
Lesser Slave Lake: Fish supply from, 877
Le Terrier, —, 71*
Leutwein, P., 311*
Levainville, J., 714
Levat, M. D., 380
Levels: Changes of relative — of land and sea, 475*; Errors of precise leveling. W. Bowie, 881
Lévine, B. V., 215
Levy, F. L., 153*
Lewandowski, M.: *see* Martinez, A. B.
Lewiński, J. St., 149*
Lewis, J. H.: *see* Henshaw, F. F.
Lewis, J. V., and Kümmel, H. B., 628*
Leyritz, M. M., 639*
Leyte: Map, 559*
Lezzi, G., 551*

LIBERIA: Political and economic factors in development of. G. W. Ellis, 801*; Quelques mois au Libéria: Impressions. G. Sam, 308*; Sociological appraisement of —'s resources. G. W. Ellis, 630*

LIBYA: Alcuni dati retrospettivi e attuali sulla antropologia della Libia. V. Giuffrida-Ruggeri, 801*; Conditions commerciales et agricoles. C. Fidel, 391*; Elenco alfabetico della località abitate nella Libia, etc. C. Triverio, 974*; Gateway to the Sahara: Adventures and observations in Tripoli. C. W. Furlong, *rev.*, 704; Italian occupation of Ghat, 127; Italy in North Africa. An account of Tripoli enterprise. W. K. McClure, *rev.*, 456; Nuove conoscenze intorno all Cirenaica. R. Almagià, 472*; Recherches anthropologiques dans la Berbérie orientale. Tripolitaine, etc. L. Bertholon, and E. Chantre, 224*; Tripolis. E. Banse, *rev.*, 60 **Maps:** Benghazi Region, 78*; Carta dimostrativa: Cirenaica, 318*, 727*; rovine di Zuagha, 318*; Tripolitania, 727*; Carta del regno d'Italia e della Libia, 318*; Carta de la Tripolitania e Cirenaica, 533*; Commissariato del Barca, 318*; Conca di Ommerzem, 237*; Dintorni di Tagiura, 159*; Dintorni di Zanzur, 159*; Homs e dintorni, 159*; Schizzo altimetrico dei dintorni di Giado-Fassato, 159*; Itinerario percorso dalla Colonna Miani. T. C. Miani, 78*; Libya, 532*; Piazza di Tobruch, 237*; Rilievi in Libia, grafico della triangulazione in Cirenaica, 78*; Rilievo numerico di Lebda (Leptis Magna) eseguito dai topografi Grupelli e Giua, 237*; Tripoli, 78*; Tripolitania, territorio fra la costa e l'uadi Sciati, 78*; Servizio telegrafico e radiotelegrafico, 727*; Zona littoranea da Zavia ad Argub, 727*; 3 sheets covering a zone about 5′ in width from Agilat to Tripoli and beyond and from Tripoli south to Garián, 479*

LIBYAN DESERT: Im Nordosten der Libyschen Wüste. P. Borchardt, 152*; Three years in the —: Travels, discoveries, etc., of Menas Exp. (Kaufmann Exp.). J. C. E. Falls, *n.*, 703; Wayfarers in the. F. G. Alexander, 626* **Map:** Reise im Nordosten der Libyschen Wüste 1914. P. Borchardt, *n.*, 477

Lichtenberger, H., 300
Lienau, D., 547*
Lienau, M. M., 68*
Lightships: Leuchtfeuerverzeichnis, 1915. I: Ostsee; 2: Gewässer zwischen Ost-und Nordsee; 3: Nordsee bis zum Polarkreis; 4: Englischer Kanal, W.-Küste von England und Schottland, Küsten von Irland, 473*; Lichtenlijst van Nederlandsch Oost- en West-Indië, 148*
Limnology: *see* Lakes
Lincolnshire: Highways and Byways in. W. F. Rawnsley, 304*; —: (Cambridge County Geographies). E. M. Sympson, 547*
Lindemann, E., 968
Lindgren, W., 894*
Linera: Note sul terremoto di —, Maggio 1914. V. Sabatini, 979*
Lines, E. F.: *see* Bleininger, A. V.
Lingelbach, W. E., 116*, 231*
Lipari Is.: Fenomeni avvenuti a vulcano (Isole Eolie) del 1890 al 1913. O. de Fiore, 632*
L'Isle, M. R.: *see* Isle
Listenfelt, H., 974*
Littlefield, G. E., 155*
Livingstone, David: —, the Pathfinder. B. Mathews, 150*
Livingstone Gold Medal (R. Scottish Geogr. Soc.): — awarded to Lord Kitchener, 965
Liznar, J., 394*
Loch Long: Age of — and its relation to the valley system of southern Scotland. J. W. Gregory, 979*
Lockyer, W. J. S., 141
Lóczy, L. de, 616
Lodewycksz, W., 717*
Löffler, K., 900*
Lofoten: Nach den. H. Pudor, 310*
Logan, W. N., 470*
Logroño: Map, 239*
Lohmann, H.: Methods developed by — to study plankton, 536
Lolos: Beiträge zur Ethnographie der: Katalog der Sammlung Weiss im Kgl. Museum für Völkerkunde zu Berlin. H. Mueller, 898*
Lombardy: Lombard towns of Italy or the cities of ancient —. E. R. Williams, Jr., *rev.*, 299
London, J. J., 981*
LONDON: Geological excursions round. G. MacDonald Davies, 224*; London. F. C. Albrecht, 979*; Notes on basins of — and Paris, and on Sambre-Oise route to Paris. A. J. Herbertson, 802*; — im Weltverkehr und Welthandel. K. Wiedenfeld, 721* **Maps:** Maps of Old London, 480*
Londzin, J.: *see* Kotas, J.
Long, C. R., 721*
Long Eaton District: Geogr. conditions and problems of a growing industrial district. C. B. Fawcett, 474*
Long Island, Maps: Geologic map. M. L. Fuller, *n.*, 807; Topographic map, *n.*, 807
Longitudes: Grössen von Meridiangraden und Eingradfeldern. A. von Böhn, 475*
Loomis, F. B., 303*
Lorentz, H. A., 399*
Loring, J. A., 224*
Lorraine: Alsace and: From Cæsar to Kaiser, 58 B. C.-1871 A. D. By R. Putnam, 973*; Le Paléolithique en Lorraine. G. Goury, 73*
Los Angeles: Eine Blume aus dem goldenen Lande, 798*
Loughlin, G. F., 226*
LOUISIANA: Fountain of youth. C. T. Jackson, *n.*, 539; History of western boundary of — purchase, 1819-1841. T. M. Marshall, 468*; Louisiana (Frye's Geography). G. Williamson, 151*; — State Univ., field course in geology, 371; La Louisianne à la fin du XVIIIe siècle. G. Desdevises du Dezert, 894*; Report for 1913 on trade and commerce of Consular District of New Orleans, 629* **Maps:** Map of State of — issued for R. R. Commission, 77*; Post route maps showing post offices, etc., in operation Oct. 1, 1914, 316*
Lounsbury, C., McLendon, W. E., and Kerr, J. A., 549*
Lourenço Marques: Data for the study of climate of. A. de Almeida Teixeira, 229*
Loveday, A., 709
Low, D. H., 721*
Lowe, P. R., 967
Lowrie, W. L., 722*
Lozinski, W. von, 154*
Lucas, C. P., 61, 132, 154*, 376, 627*, 723*
Lucca: Story of. J. Ross, and N. Erichsen, 68*
Ludwig Salvator: Erzherzog — aus dem österreichischen Kaiserhause als Forscher des Mittelmeeres. L. Woerl, 799*
Lugo: Map, 728*
Lührmann, E., 900*
Lull, R. S., 719*
Lumber: — and its uses. R. S. Kellogg, *n.*, 794

Lumholtz, Carl: — in the East Indies, 960
Lüneburg: Über Megalithgräber und sonstige Grabformen der Lüneburger Gegend. M. M. Lienau, 68*
Lunn, A., 615
Luschan, F. von, 311*, 977*
Lusiads: Astronomia dos Lusíadas. L. A. Pereira da Silva, 974*
Lutaud, C., 71*
Luxembourg: Map, 239*
Luzern: Map, 240*
Luzon, Maps: Map of central, map of southern, 559*
Lyde, L. W., 73*, 309*
Lyons, H. G., 964
Lyons: Map, 904*
Lyons, Gulf of: Lithologie sous-marine du Golfe du Lion. J. Thoulet, 73*
Lysakowski, K. C., 980*

M

Mabie, H. W., 710
McAdie, A., 780
McCaskey, H. D., 226*
McCaustland, E. J.: *see* Henshaw, F. F.
McClure, W. K., 456
McConnell, B. M., 474*
McConnell, R. G., 471*
McCormick, S. B., 306*
McCrackan, W. D., 222
McCrory, S. H., Baxter, O. G., and others, 628*
MacCurdy, G. G., 632*
MacDonald, J. H. A., 233*
MacDonald, W., 890
MacDonald Davies, G., 224*
MacDougal, D. T., 388*, 885
Macedonia: Balkan Cockpit: Political and military story of the Balkan wars in. W. H. Crawfurd Price, 798*; Bulgaria. With account of Macedonia and Macedonian Bulgars. W. S. Monroe, *rev.*, 223
McElroy, R. M., 698
McEwen, G. F., 780
McFarlane, J., 309, 624
Macfarlane, J. J., 634*, 894*
McGee, W J: Memoir of. N. H. Darton, 155*
McGeorge, W.: *see* Kelley, W. P.
McGlashan, H. D., and Stevens, G. C., 628*
MacGregor, W.: Clarke and —'s expeditions up the Fly R., 451
Machatschek, F., 72*, 309*, 392*, 685*
McInnes, W., 471*, 478*
Mackay, L. von, 153*, 977*
Mackerel: Contributions to biology of the. D. Nilsson, 554*
Mackie, G. B., 312*
Mackinac Island: Map of. M. H. Wright, *n.*, 901
Mackinder, H. J., 460, 718*
McLaughlin, R. P., and Waring, C. A., 470*
Maclay, N. Miklucho: Scientific work of, 128
McLean, F. T., 628*
MacLean, N., 380
McLendon, W. E.: *see* Lounsbury, C.
MacMunn, N. E., 626*
McMurry, C. A., 151*
McNab, R., 386*, 798*
MacNair, P., 469*
MacPherson, D., 976*
MADAGASCAR: Enquête scientifique et économique sur — au XVII siècle. H. Froidevaux, 720*; Pa Madagascar. W. Kaudern, 303*; Madagascar. P. Lemoine (Handbuch der regionalen Geologie), *rev.*, 463; Richesses minérales de. M. D. Levat, *rev.*, 380 **Map:** Carte de Madagascar, 810*
Maddren, A. G.: *see* Martin, G. C.
Madeira: Tourist's guide to the island of. G. A. le P. Power, *n.*, 615 Maps: General Map of. C. A. Power, 318*; General map of. Improved and corrected. C. A. Power, 639*
Madrid, Province: Map, 80*
Madura, Map: Java en Madoera, 318*
Magdala: Graben von — und seine südöstliche Fortsetzung. R. Giers, 553*
Magdalen Islands: Occurrence of glacial drift on. J. W. Goldthwait, 629*
Magdeburg, Trade of —, 1914. H. W. Harris, 900*
Magellan, Strait of: Durch Magellanstrasse. G. Goedel, 228*
Maggie Basin: Interpretation of distribution of reptiles in. A. G. Ruthven, 948
Magic: Study in — and Religion. (Golden Bough.) J. G. Frazer, Vol. 12: Bibliography and general index, 717*
Magistris, L. F. de, 632*, 803*, 805*, 981
MAGNETISM, TERRESTRIAL: *Carnegie* starts on her fourth cruise, 283; Earth's magnetism. L. A. Bauer, 232*; Geogr. Nachweis eines erdmagnetischen und vulkanischen Vorgängen gemeinsamen Gesetzes. W. Krebs, 394*; Mag-

Magnetism—*Cont'd.*
netic declinations and chart corrections obtained by the *Carnegie* from Brooklyn, N. Y., to Colon, March, 1915, and from Balboa to Honolulu, March-May, 1915. J. P. Ault, 804*; Position of the north magnetic pole. A. S. Steen, 961; Seismograph and magnetic observations. O. Klotz, 74*; Seismology, terrestrial magnetism and gravity. Report, 1911 (Canada). O. Klotz, 550* **Map**: Magnetic declination observed in 1910, 158*
Magnus, F., 294
Magrini, G., 151*
MAINE, Maps: Portsmouth to Dover and Exeter, *n.*, 156; Post route maps showing post offices, etc., in operation Oct. 1, 1914, 316*; Railroad map of Maine, 77*
MAJORCA: Porto Pí in der Bucht von Palma de Mallorca, 68*; El Triásico de. B. D. Pericás, 231*; **Maps**: Isla de Mallorca en seis hojas, 812*; Mapa geol. de la cordillera norte de. B. Darder, 320*
Malaria: Cause and Control. W. B. Herms, *rev.*, 623
MALAY ARCHIPELAGO: India, Malaysia, and the Philippines. Study in missions. W. F. Oldham, *rev.*, 62; Dutch scientific research in, 51
MALAY PENINSULA: Malayische Halbinsel, Ceylon, Vorderindien, usw. Handbuch für Reisende. K. Baedeker, *rev.*, 457; Malay Peninsula. A. Wright, and T. H. Reid, *rev.*, 297
MALAY STATES: Coconut industry in Malaya. H. L. Coghlan, 303*; Malaysia, etc. Commercial Reports, 1915. C. L. Dreier, 898*; —. Record of British progress in the middle east. A. Wright, and T. H. Reid, *rev.*, 297 **Maps**: Boundary line between the kingdom of Siam & Malay States under British Protection as surveyed, agreed to and beaconed by the Joint Commission appointed under the Treaty of 1909, 903*; Sketch map of railways, 1913, 238*; Sketch map of railways 1913, and their connections, 810*
MALAYO-POLYNESIAN STOCK: Malaio-Polynesische Wanderungen. G. Friederici, 552*
Malcolm, W., 70*
Malinowski, B., 220
Malladra, A., 231*
Malott, C. A., 227*; *see also* Bybee, H. P.
Malta: Geologia dell' arcipelago di. C. Rizzo, 73*
MAN: *see also* Anthropology: Betrachtungen über das wachstum des Menschen. C. H. Stratz, 901*; Cavern of the Three Brothers (Ariège), [New discoveries of work by paleolithic man.] G. G. MacCurdy, 632*; Eiszeitmensch in Bayern. F. Birkner, 309*; European caves and early man. N. C. Nelson, 721*; Geol. evidence in Britain as to antiquity of man. W. B. Dawkins, 979*; Paléontologie humaine en Angleterre. M. Boule, 721*; Differentiation of man from anthropoids. C. Read, 154*; Early man in South America. A. Hrdlička, 960; Erde und die Kultur. Eroberung und Nutzbarmachung der Erde durch den Menschen. L. Reinhardt, 69*; Gegenseitige Hilfe in der Tier- und Menschenwelt. P. Kropotkin, 717*; Geistige Kultur der Naturvölker. K. Th. Preuss, *rev.*, 623; Heredity and environment in the development of men. E. G. Conklin, *rev.*, 793; Kinship and social organization. W. H. R. Rivers, 149*; Kulturbeziehungen zwischen Indien, Orient und Europa. G. Wilke, *rev.*, 617; Kulturgeschichte des Menschen. L. Reinhardt, 69*; Man as a geographical agency. C. P. Lucas, 154*, 723*; Natur und Mensch. M. G. Schmidt, *rev.*, 793; Standards of measurements for race development. H. W. Odum, 723*; Study of primitive character. E. im Thurn, 723*; Variations of human activity according to seasons, 530; Völkerpsychologie. Eine Untersuchung der Entwicklungsgesetze von Sprache, Mythus und Sitte. W. Wundt, *rev.*, 621
Manche, Map: Carte du Département de la, 811*
Manchu, The: Etude anthropologiques: Les Mandchoux. R. Torii, 898*
MANCHURIA: Trade in 1914. P. S. Heintzelman, 630*; Thirty years in the Manchu Capital. Recollections of D. Christie. Edited by his wife, *rev.*, 711 **Map**: Routes through Barga and N. E. Mongolia followed by G. C. Binsteed, *n.*, 724
Manila: Flora of. E. D. Merrill, 68*

MANITOBA: Coal fields of —, etc. D. B. Dowling, 389*; Control of insect pests in Manitoba, *n.*, 976
Maps: Explored routes in lower parts of drainage area of Churchill and Nelson rivers, 478*; Geol. map of, 638*; Index to townships in —, etc., showing townships for which official and prel. plans have been issued up to Jan., 1915, 902*; Map showing branches of chartered banks in, 902*; Map showing disposition of lands, 727*; Map showing grain elevators, 316*; Map showing number of quarter-sections available for homestead entry in each township, also, pre-emption and purchased homestead area as defined by Dominion Lands Act, 1908, 316*
Mann, H. H., 552*
Mansfield, G. R., 800*
Maori: Estimate of — population in north Island *circa* 1840, 802*
MAPS: *see also* Atlases and Cartography: Über archäologische Fundkarten im allgemeinen und österreichische Fundkarten im besonderen. O. Menghin, 721*; Blaeu's world map of 1605, 964; Contours and Maps: Explained and illustrated. F. Morrow, *rev.*, 467; Geological map of the world. E. de Margerie, 232*; Geological and topographical maps. A. R. Dwerryhouse, *rev.*, 466; Gift of an old manuscript map to the Society (Amer. Geogr. Soc.), 530; History of paleogeographic maps, 778; Johnston's series of maps of ancient geography, 560*; W., & A. K. Johnston's series of history maps, 400*; Kartometrische Analyse der Weltkarte G. Mercators vom Jahre 1569. H. Wagner, 981*; Little book on map projection. M. Adams, *rev.*, 466; The map and its story, 240*; La 2a conferencia internacional del mapa al millonésimo. B. García Aparicio, 804*; Maps and Survey. A. R. Hinks, *rev.*, 465; New series of wall maps for schools. J. P. Goode, 115*; The place of map tests in examinations, 805*; Samples of Johnston series of desk maps, 240*; Peuckers farbenplastische Wanderkarten Bergheil. M. Grosse, 475*
MAPS, NEW: Maps Issued by United States Government Bureaus: 155, 312, 395, 475, 634, 727, 805, 901
North America: 77, 158, 233, 236, 316, 398, 476, 478, 558, 636, 638, 727, 809, 901, 902
Central America and West Indies: 234, 317, 639
South America: 78, 158, 234, 237, 317, 396, 476, 479, 559, 636, 639, 724, 810, 903
Africa: 78, 156, 159, 234, 237, 317, 399, 477, 479, 555, 559, 639, 724, 727, 808, 810, 902
Asia: 75, 78, 157, 159, 235, 238, 318, 397, 399, 479, 555, 559, 637, 640, 724, 728, 809, 810, 903, 982
Australasia and Oceania: 76, 79, 157, 159, 238, 318, 399, 479, 637, 725, 811, 903
Europe: 76, 79, 157, 159, 160, 238, 314, 319, 398, 399, 477, 479, 559, 637, 640, 725, 728, 811, 903, 983
Polar: 160, 314, 320, 557, 725, 728, 983
World and Larger Parts: 160, 235, 240, 320, 398, 478, 480, 560, 640, 726, 812, 983
Atlases: 80, 160, 240, 320, 400, 480, 812, 984
Educational: 235, 240, 315, 320, 400, 640, 812
Wall Maps: 560, 812, 983
Marbut, C. F., 115*; —, Bennett, H. H., Lapham, J. E., and Lapham, M. H., 214, 638*; *see also* Greenwood, J. M.
Marchant, T. P.: *see* Morgan, J.
Mareotis: Das nordafrik. Wüstenland Mariut. F. Mielert, 390*
Margerie, E. de, 232*, 684*
Mariana Is.: *see* Ladrones
Mariani, A., 799*
Marin, O. A.: *see* Fabrega, O. P.
MARINE, MERCANTILE: The "Conway" Manual, being complete summary of all problems in navigation, with proofs of formulas, for use of officers in mercantile marine and students. J. Morgan, T. P. Marchant, and A. L. Wood, *rev.*, 465; The Times shipping number, 225*
Marinelli, O., 532, 685*
Mariut: *see* Mareotis
Markham, C., 707
Markham, E., 538
Markneukirchen: Trade of —, 1914. H. W. Harris, 900*
Marmora, Sea of: The Gates to the Black Sea: Dardanelles, Bosphorus and. H. G. Dwight, 631* Map, 728*
Marquardsen, H., 631*

Marsh, H., 634*
Marshall, B., 718*
Marshall, P., 463
Marshall, R. B., 227*, 230*, 306*, 314*, 470*, 471*, 628*, 719*, 895*, 975*
Marshall, T. M., 468*
Marsico: Condizioni sismiche della regione marsicana. M. Baratta, 722*; Terremoto marsicano del 13 gennaio 1915. L. F. de Magistris, 632*
Marson, L.: Di tre recenti lutti della didattica geografica: G. Gambino, L. Marson—P. Sensini. F. L. de Magistris, 805*
Martel, E. A., 900*, 979*
Martin, C., 390*
Martin, D., 553*
Martin, G. C., and Maddren, A. G., 809*; —, Johnson, B. L., and Grant, U. S., 895*
Martin, L., 127, 172, 213, 364, 975*; *see also* Tarr, R. S.
Martineau, G., 69*
Martinelli, G., 393*
Martino, G., 224*
Martonne, E. de, 685*
MARYLAND: Geography during summer sessions at Johns Hopkins University, 371; Maryland (Frye's Geography). W. H. Browne, 151*; Money and transportation, 1720-1765. C. P. Gould, 388*; Relation of climate to plant growth in. F. T. McLean, 628*; Results of spirit leveling, 1896 to 1911. R. B. Marshall, 471* **Maps:** Main traveled routes through Maryland-Virginia, 316*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Seaford Quad., 635*
Marvin, C. F., 981*
Masaoka, N., 710
Mason, D. B., 472*
Mason, D. T., 800*
Mason, K., 157*
Maspero, G., 626*
MASSACHUSETTS: Soils of — and Connecticut with especial reference to apples and peaches. H. J. Wilder, 629* **Maps:** 3 Atlases of boundaries of cities and towns, 398*; Map of street railways of commonwealth of — accompanying report of Public Service Commission, 77*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*
Mather, K. F., 115*
Matheson, C., 798*
Mathews, B., 150*
Matmata Plateau: The Desert's Edge. J. R. Smith, 813
Matson, G. C., 975*
Matthes, F. E., 48, 115*
Matthew, W. D., 633*
Matto Grosso: Completion of Col. Rondon's explorations in, 693
Mattoon, W. R., 975*
Maugham, R. C. F., 785
Mauna Loa: Outbreak of, 1914. T. A. Jaggar, 285, 309*; Seismic prelude to the 1914 eruption of. H. O. Wood, 473*; Volcanoes of — and Kilauea. W. T. Brigham, *rev.*, 381
Maunder, E. W., 148
Maurer, H.: Nomenklatur der theor. geogr. Kartographie im Anschluss an den Aufsatz von —: Definitionen in der Kartenentwurfslehre, usw. E. Hammer, 633*
Mauritius: Distribution of population in. H. E. A. Waring, 472*
Mauvaises Terres: *see* Badlands
Mavor, J., 73*
Mawson, D., 38, 557, 558, 901*, 970; — lectures in New York, 120
Maxwell, H., 233*
Maxwell, W. A., 973*
Mayer, A. G., 978*
Mazelle, E., 979*
Meany, E. S., 625*
Measure and Weight: Units of. Definitions and tables of equivalents, 470*
Mecking, L., 940
Mecklenburg, Adolf Friedrich Duke of, 704; Scientific results of —'s Central Africa Expedition, 626*
Mecklenburg: Siedlungen der nordwestlichen Mecklenburg: Eine geogr. Studie. F. Stössel, 900*; Aufbau, Entstehung und Geschichte mecklenburgischer Torfmoore. R. Stahl, 153*
MEDITERRANEAN REGIONS: Bevölkerung und Sonnenschein des Mittelmeergebietes. J. Friedemann, *rev.*, 140; Influences of geographic conditions upon ancient — agriculture. E. C. Semple, 116*; Mittelmeerländer I. Teil: Geographie des Erdkreises. Pomponius Mela. Aus dem lateinischen übersetzt und erläutert von H. Philipp, 387*; Politische probleme im w. Mittelmeer. P. Mohr, 394* **Map:** Méditerranée orientale, 480*
MEDITERRANEAN SEA: Erzherzog Ludwig Salvator als Forscher des Mittelmeeres. L. Woerl, 799*; Gewässer des Mittelmeeres.

Mediterranean Sea—*Cont'd.*
Vorzugsweise nach den Arbeiten des . . . "Thor" 1908-1910. G. Schott, 394*; Oceanografia nel Mediterraneo secondo le ricerche danesi. G. Platania, 980*; Sondages exécutés par divers navires anglais, 633* **Maps:** Bacino orientale del Mediterraneo, etc., 240*; C. Ivi to Algiers, Algeria, —, 559; Gibraltar to Alicante and Cape Spartel to Cape Ferrat, 479*; Charts of Coasts in Spain, France, Italy, etc. (U. S. Hydr. Office), 559*
Meiklejohn, M. J. C., 303*, 465
Meinzer, O. E., 306*, 800*; —, and Hare, R. F., 549*; —, and Ellis, A. J., 895*
Mekong: Sur la formation du delta du Mékong. E. Doucet, 72*
Mela, Pomponius, 387*
Melilla: Map, 639*
Mello, F. de, 552*
Melvin, A. D., 976*
Menas Exp. (Kaufmann Exp.): Travels, discoveries, and excavations of the. J. C. Ewald Falls, *n.*, 703
Mendip: The Heart of. Account of history, archæology, natural history, —, etc. F. A. Knight, 893*
Menghin, O., 721*
Menz, G., 308*
Menzel, H., 803*
Mercier, E., 390*
Meridians: Grössen von Meridiangraden und Eingradfeldern. A. von Böhn, 475*
Meroë: Four years' excavations of ancient Ethiopian capital. J. Garstang, 228*
Merriam, J. C., 389*
Merrill, E. D., 68*
Merrill, F. J. H., 471*
Merrill, J. A., 151*
Merz, A., 610, 979*
Mesa Verde National Park, 1915: General Information, 895* Map, *n.*, 395
Mesnage, J., 892*
Mesopotamia: Barometric altitudes in — and Asia Minor, 880; Excavations at Babylon. R. Koldeway. Translated by A. St. Johns, *rev.*, 966; —n archæology. P. S. B. Handcock, *rev.*, 966
Metallurgy: Lehre von den Erzlagerstätten. R. Beck, 69*
Meteor Crater (formerly called Coon Mountain). D. M. Barringer, 388*
METEOROLOGY: *see also* Climate, Weather, Winds, etc.: Meteor. Beobachtungen und Beobachtungen in verschiedenen Schichten der Atmosphäre die auf dem schwimmenden Leuchtturne Lüserort angestellt worden sind. M. M. Rykachev, Jr., 154*; Über Beziehung zwischen Druckgradient, Wind und Gradientenänderungen. T. Hesselberg, 981*; Über Beziehung zwischen Luftdruck und Wind im nichtstationären Fall. T. Hesselberg, 981*; Über oszillatorische Bewegungen der Luft. T. Hesselberg, 981*; Southern hemisphere surface-air circulation: Being a study of mean monthly pressure amplitudes, tracks of anticyclones and cyclones, and meteorological records of several Antarctic expeditions. W. J. S. Lockyer, *rev.*, 141; Fehlerquellen der Wettervorhersage. O. von Myrbach, 981*; Frost protection. W. J. Humphreys, 310*; Outline for study of frost and protection against frost damage. W. G. Reed, 982*; General results of the work in atmospheric electricity aboard the *Carnegie*, 1909-14. L. A. Bauer, 723*; Problèmes de l'atmosphère. A. Berget, *rev.*, 620; Geophys. Journal, 1912, comprising daily values of meteorol. and physical elements at three observatories and Meteor. Office; together with wind components at fixed hours at four anemograph stations; daily values of solar radiation, etc., 311*; Grössenordnung der meteorol. Elemente und ihrer räumlichen und zeitlichen Ableitungen. T. Hesselberg, and A. Friedmann, 232*; Instructions for cooperative observers, 982*; Instructions for installation and maintenance of wind measuring and recording apparatus, 982*; Instructions for operating the hygrograph and tabulating therefrom. C. F. Marvin, 981*; Measurements of precipitation. Instructions on measurement and registration of precipitation by means of standard instruments of the U. S. Weather Bureau. C. F. Marvin, 981*; Obtaining and tabulating records from recording instruments. C. F. Marvin, 981*; Laws of evaporation of water from pans, reservoirs and lakes, sand, soils and plants. In 2 parts. F. H. Bigelow, *rev.*, 620; Lehrbuch der Meteorologie. J. Hann, Dritte Auflage. Mitwirkung R. Süring, *rev.*, 145; Meteorologie in der

Meteorology—*Cont'd.*
Schule. A. Jaeger, 633*; Seaman's handbook of, 387*; Traité de météorologie. J. Vincent, *rev.*, 145; Meteorol. aspect of smoke problem. H. H. Kimball, 981*; Meteorologie und Kriegführung. O. Baschin, 633*; "Monsoon" rainfall. B. C. Wallis, 554*; Neuere Forschungen auf dem Gebiet der Meteorologie und Geophysik. A. Wegener, 554*; Psychrometric tables for obtaining the vapor pressure, relative humidity, and temperature of dew-point from readings of wet and dry bulb thermometers. C. F. Marvin, 981*; Study of the influence of volcanic dust veils on climatic variations. H. Arctowski, 310*; Strahlung und Verdunstung an freien Wasserflächen: Ein Beitrag zur Wärmehaushalt des Weltmeers und zum Wasserhaushalt der Erde. W. Schmidt, 633*; Sulla ripartizione della secchezza. F. Eredia, 154*; Sunspots and temperature. G. T. Walker, 962; Temperatures, sunspots and volcanic eruptions. Köppen, 369; Thermal regions of the globe. A. J. Rerbertson, 74*; Radio-activity and earth's thermal history. A. Holmes, 394*; Die wahre thermische Anomalie auf der Erdoberfläche. J. Liznar, 394*; On thunder. W. Schmidt, 394*
Metz: Map, 239*
Meunier, S., 633*
MEXICO: Ancient desert peoples of N. America in their relation to indigenous Mexican civilization. E. de Cholnoky, 684*; Carranza and Mexico. C. de Fornaro, *n.*, 541; Conflit entre les Etats-Unis et le Mexique. J. Leclerq, 69*; United States and —, 1821-1845. G. L. Rives, *n.*, 58; Division municipal y prontuario geogr. de Rep. Mexicana. L. Asiain, 224*; Gegenwärtige Stand der mexikan. Vulkane und die letzte Eruption. P. Waitz, 629*; History of. Popular history from earliest primitive civilization to the present time. H. H. Bancroft, *rev.*, 540; Story of. Complete- authoritative- up-to-date. C. Morris, *n.*, 887; Mexico and Peru, America, Canada. C. Richmond, 148*; Myths of — and Peru. L. Spence, *rev.*, 462; Real Mexico. H. H. Fyfe, 468*; Oil regions of northeastern. V. R. Garfias, 896* **Maps**: Carte du Mexique. Niox, 638*; Central America, portions of the United States and Mexico, etc., 160*; Rand McNally & Co.'s general wall map of U. S., Mexico, etc., 478*
MEXICO, GULF OF: Western — basins. R. Follansbee, W. W. Follett, and G. A. Gray, 718*; Western — drainage basins. (Stream-gaging stations and publications relating to water resources 1885-1913, Part 8.) R. B. Wood, 629* **Maps**: Map showing distribution of lithologic divisions of eastern Gulf cretaceous deposits and their age equivalencies, 807*
Meyer, E.: *see* Adams, G.
Meyer, H., 551*, 982*
Meyers, G., 887
Meyse-Thompson, E. C., 707
Mézières: Map, 239*
Miall, B., 136, 627*, 791, 798*
Miani, T. C., 78*
Michel, G., 232*; —, and Knapp, C., 157
Michieli, A., 128
MICHIGAN: Biennial Report, Michigan Geol. and Biol. Survey, 1914, 471*; Geol. Report on Wayne County. W. H. Schelzer, 549*; Brine and salt deposits of: Origin, distribution and exploitation. C. W. Cook, 549*; Michigan (Dodge's Geography). M. Jefferson, 150*; Michigan (Frye's Geography). R. D. Calkins, 151*; Mineral resources of — with statistical tables of production and value of mineral products for 1913 and prior years. R. C. Allen, 470*; Occurrence of oil and gas in. R. A. Smith, 471*; Physical, industrial and sectional geography of. L. H. Wood, 303*; Results of spirit leveling, 1911 and 1913. R. B. Marshall, 470*; State Normal School: geography courses at the summer school, 371 **Maps**: Detailed map of the lake region of — and Wisconsin, 78*; Grand Rapids Quad., *n.*, 156; Houghton Quad., *n.*, 395; Lower Detroit R., showing Livingstone Channel and positions of aids to navigation, 809*; Mackinac Island. M. H. Wright, *n.*, 901; Map of Michigan, 316*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*
MICHIGAN LAKE: Map: General chart of, 810*
Middlemiss, C. S., 802*
Mielert, F., 390*, 392*

Migrations: Wanderings of Peoples. A. C. Haddon, 149*
Mijatovich, C., 789
Mikesell, T.: Phenological dates and meteor. data recorded by — between 1873 and 1912 at Wauseon, Ohio. J. W. Smith, 800*
Mikkelsen, E., 139
Miklucho Maclay: Scientific work of: *n.*, 128
Mill, H. R., 230*, 381, 393*; —, and Salter, C., 611, 893*
Millcayac: Zur sprachlichen Stellung der — Indianer. R. Schuller, 720*
Miller, E., 215
Miller, H. H., 626*
Miller, J. B.: Victim of the war, 534
Miller, J. G., 312*
Miller, J. H., 626*
Miller, W., 299, 301
Miller, W. J., 975*
Mills, E. A., 883
Milthers, V., 387*
Mims, S. L., 58
Minas Geraes: Geology of central. E. C. Harder, and R. T. Chamberlin, 719*, 896*
MINDANAO: Subanu. Studies of Sub-Visayan mountain folk of —: Part I: Ethnogr. and geogr. sketch of land and people. J. P. Finley, Part 2: Discussion of linguistic material. W. Churchill, Part 3: Vocabulary, *rev.*, 458 **Maps:** Mayo Bay to Cateel Bay, 314*
Minerals: Wichtigsten Lagerstätten der "Nicht-Erze." I. Teil. Graphit, Diamant, Schwefel, Phosphat. 2. Teil: Kohle. O. Stutzer, 69*
Mining Societies: Listes des sociétés géologiques, service géologiques et sociétés minières. W. S. Lecky, 155*
Minneapolis: Buried rock surface and pre-glacial river valleys of — and vicinity. E. K. Soper, 800*
MINNESOTA: Bibliography of — mining and geology. W. Gregory, 975*; Federal land grants to the states with special reference to. M. N. Orfield, 895*; —. (Dodge's Geography). C. W. Hall, and E. M. Lehnerts, 150*; —. (Frye's Geography), 151*; Prel. Report on clays and shales of. F. F. Grout, and E. K. Soper, 226*; Results of spirit leveling, 1897 to 1914, inclusive, 628*; Sangamon interglacial stage in — and westward. W. Upham, 151*; Social and economic survey of a community in Northeastern. G. P. Warber, 719*; State Normal School: Geogr. course at the summer school, 371; Surface formations and agricultural conditions of northwestern —, with chapter on climatic conditions of Minnesota. U. G. Purssell, 389*; Tobacco-growing in. C. P. Bull, 894* **Maps:** Map of, 316*; Perham Quad, 635*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Underwood Quad., 395*; Vergas Quad., 476*
Miscellanea: Inéditos. 2° Visconde de Santarem: Colligidos, coordenados e annotados por J. de Freitas, trazidos á publicadede pelo 3° Visconde de Santarem, 548*
Misol I.: Die Molukkeninsel Misol. O. Tauern, *n.*, 898
Missions, Maps: Atlas des missions de la Société de Misions Etrangères. A. Launay, 80*
MISSISSIPPI: (Frye's Geography). J. R. Preston, 151*; Pottery and clays of. W. N. Logan, 470*; Report on methods and cost of reclaiming the overflowed lands along the Big Black River. L. A. Jones, W. J. Schlick, and C. E. Ramser, 628*; Superficial study of pine-barren vegetation of. R. M. Harper, 305*; Triangulation in — and Alabama. W. F. Reynolds, *rev.*, 883 **Maps:** Map showing distribution of lithologic divisions of eastern gulf cretaceous deposits and their age equivalencies, 807*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Railroad Commissioners' Map of, 903*
MISSISSIPPI RIVER: Hudson Bay and Upper — Basins. B. D. Wood (Stream-gaging stations and publications relating to water resources, 1885-1913), 227; Lower — Basin (Surface water supply of the U. S., 1913). N. C. Grover, R. Follansbee, and G. A. Gray, 719* **Map:** Sketch map of lower end of Delta of the Mississippi showing approximately areas of land and water formed since the last detailed and complete survey was made, *n.*, 807
MISSISSIPPI VALLEY: Some geographic influences in — history. F. V. Emerson, 537*
MISSOURI: —. (Dodge's Geography). J. M. Greenwood, and C. F. Marbut, 150*; —. (Frye's Geography). J. A. Merrill, 151*; Re-

Missouri—*Cont'd.*
sults of spirit leveling, 1896 to 1914, inclusive. R. B. Marshall, 895*; Soil survey of Stoddard County. A. T. Sweet, F. S. Bucher, and others, 550* **Maps:** Chester Quad., 476*; Base map of, 638*; Crystal City Quad., 395*; Nemaha Quad., 476*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Renauld Quad., 395*
MISSOURI RIVER: — Basin (Surface Water Supply of U. S., 1912). W. A. Lamb, R. Follansbee, and H. D. Padgett, 226*, *rev.*, 781; Profile surveys of — from Great Falls to Three Forks. R. B. Marshall, 470*
Mitchell, M., 978*
Mitchell, T.: Early Australian Geographers. C. R. Long, 721*
Mochudi: Note on temperatures of the air observed at. J. R. Sutton, 802*
Modocs: Myths of the. J. Curtin, 224*
Moffit, F. H., 306*
MOHAMMEDANISM: Beiträge zur Kenntnis des Lebens der mohammedanischen Städter, Fellachen und Beduinen im heutigen Aegypten. F. Schwally, 626*; Holy war "Made in Germany." C. Snouck Hurgronje, *rev.*, 972; Die Welt des Islams, 149*; Der Islam und der Weltkrieg. Mackay, 153*; Islamic Africa. R. B. Sheppard, *rev.*, 380; Islampolitik. M. Hartmann, 310*; Nederland en de Islâm. C. Snouck Hurgronje, 893*; Mohammedan problem in the Philippines. J. P. Finley, 552*; The preaching of Islam. History of propagation of the Muslim faith. T. W. Arnold, 893*; Zahl der Mohammedaner auf der Erde. E. Oehlmann, 394*
Mohave Desert. E. Huntington, 876
Mohr, P., 394*
Moisel, M., 725, *see also* Adams, G.
Moldavia, Map: Moldau. 1. Orogr. Skizze; 2. Bevölkerungsdichte nach natürlichen Gebieten Berechnet, 320*
Molengraaff, G. A. F., and Waterschoot van der Gracht, 463
Molyneux-Steel, L., 235
Monaco, Prince Albert I of, 470*
MONGOLIA: Further information on Turgun or Kundelun Mts., and notes on new map of this region. D. Carruthers, 152*; With the Russians in. H. G. G. Perry Ayscough, and R. B. Otter-Barry, *rev.*, 62; Some topographical notes on journey through Barga and northeast. G. C. Binsteed, 229*; Unknown Mongolia. Record of travel and exploration in — and Dzungaria. D. Carruthers. With three chapters on sport by J. H. Miller, 626* **Maps:** Alpine region of Karlik Tagh. D. Carruthers, *n.*, 556; Map of Turgun or Kundelun Mts. from plane-table survey by D. Carruthers, 1910, etc., *n.*, 556; Map showing life zones of N. W. Mongolia and Dzungaria. D. Carruthers, *n.*, 556; Routes through Barga and N. E. — followed by G. C. Binsteed, *n.*, 724; Sketch map of Siberian-Mongol frontier showing racial distribution on Russo-Chinese borderlands by D. Carruthers, *n.*, 556
Monroe, W. S., 205*, 223
Monsoon: *see* under Winds
MONTANA: Gold, silver, copper, lead and zinc in —, Arizona and Nevada, 1913. V. C. Heikes, 306; The Montana Group of northwestern. E. Stebinger, 227*; Large phosphate finds in, 207; Montana (Frye's Geography). G. E. Finch, 151*; Water resources of Butte. O. E. Meinzer, 306* **Maps:** Base map of the state of, *n.*, 313; Cuskers, Todd Lakes, and Tule Valley Quadrangles, 396*; Priest Lake Quad., *n.*, 156; Spring Valley Quad., 313*; Map of Flathead Lake, 810*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Topographic map of Glacier National Park, *n.*, 313*
Montbel, M., 71*, 390*
Mont Blanc: Die erste Montblanc-Besteigung. E. Kaiser, 309*
Monteiro, J., and d'Oliveira, F., 160
Montenegro: The Balkans: —, etc. W. Miller, *rev.*, 299
MONTREAL: Commercial review of season ending Dec. 4, 1914, showing export trade from port of — in Canadian products, 307*; Neighborhood of — and Ottawa (Guide books of excursions of the 12th Intern. Geol. Congress in Canada, 1913), *rev.*, 701
Moorehead, W. K., 600
Moray: — and Nairn (Cambridge Co. Geographies). C. Matheson, 798*

Mordziol, C., 137
Moreshead, Capt.: *see* Bailey, F. M.
Morgan, F.: *see* Vinogradoff, P.
Morgan, J., Marchant, T. P., and Wood, A. L., 465
Morice, A. G., 804*
Moritz, E., 977*
MOROCCO: Le commerce maritime du Maroc français en 1913-14, 551*; Sviluppo del commercio d'esportazione al Marocco. E. Bravo, 308*; En France africaine. Notes et croquis. M. Rondet-Saint, 224*; Géologie. L. Gentil, 229*; Maroc oriental. A. Bernard, 391*; L'œuvre française au Maroc, 391*; L'œuvre française au Maroc. Avril 1812—Déc. 1913. R. Besnard, and C. Aymard, *rev.*, 703; Rapid development of. (Condensed from "Development of Morocco," P. Dodge), 50; Recherches préhistoriques effectuées au Maroc. P. Pallary, 801*; Das Sus in Südmarokko: Bemerkunken zur Karte. R. Schleifer, 229* **Maps:** Cape Spartel to Cape Ferrat, 479*; Etat de la connaissance cartographique du Maroc, 237*; Itinéraires des voyageurs au Maroc, 237*; Physical wall map of. M. Fallex, *n.*, 315; Sus in Süd-Marokko. R. Schleifer, *n.*, 477; Maps published by the Service Géogr. de l'Armée: Beni Meskine et Tadla, 2 sheets, Chaouïa, Colonne de Fes, Colonne des Zaïr, Itinéraire sur Marrakech, 2e itinéraire sur Marrakech, Région de Casablanca, 4 sheets, Région Mdakra-Zaer, Région de Melilla, 639*; Reconnaissance du Maroc, 727*; Region du Haut-Guir, 728*
Moroni, G., 895*
Moro: The — government. L. Wood, 230; The Moro under Spain and America. I. L. Hunt, 230*
Morris, C., 543, 887
Morrison, T. M.: *see* Jones, G. B.
Morrow, F., 467
Mort, F., 544, 796
Mosier, J. G.: *see* Hopkins, C. G.
Mosqué, A. L., 304*
Mossman, R. C., 980*; —, and Salter, C., 381
Motor Sledges: Traineau-remorqueur automobile. J. Boyer, 555*
Moulton, F. R., 388*
Mt. Baker District, Map, *n.*, 636
Mount Cook: Conquest of — and other climbs. F. du Faur, *rev.*, 712
Mt. Elgon: Grand gibier et terres inconnues autour des grands lacs de l'Afrique centrale et le Mont Elgon. M. de Bary, 546* Map: Karte des Kraters vom Berg Elgon. R. Kmunke, 318*
Mt. Kitchi: New peak in Canadian Rockies. M. L. Jobe, 481; Miss Jobe returning to, 445
Mount Natazhat: Ascent of — 1913. H. F. J. Lambart, 800*
Mt. Parnassus: —. A. E. Phoutrides, 474*
Mount Rainier: —. H. H. Prouty, 227*; — and its glaciers. F. E. Matthes, 48*; Mazama ascents of —, 1914. G. X. Riddell, 227* Map, *n.*, 636
Mount Rainier National Park, 1915: General Information, 895*
Mount Robson: First ascent of —, the highest peak of the Rockies. C. Kain, 800*
Mount Tupper (Selkirk Range). W. Koehler, 70*
Mount Vernon: — Home of Washington. J. E. Jones, 625*
Mount Weather, Va.: Total radiation received on a horizontal surface from the sun and sky at H. H. Kimball, 799*
MOUNTAINEERING: Ascent of Mt. Natazhat, 1913. H. F. J. Lambart, 800*; Conquest of Mount Cook and other climbs. Account of four seasons' mountaineering in southern Alps of New Zealand. F. du Faur, *rev.*, 712; Deutsche und Engländer bei der Eroberung der Alpen. W. Lehner, 721*; Erste Montblanc-Besteigung. E. Kaiser, 309*; First ascent of Mt. Robson, highest peak of the Rockies. C. Kain, 800*; Mazama ascents of Mount Rainier. G. X. Riddell, 227*; Mountaineering in Dutch New Guinea. A. F. R. Wollaston, 73*; Selected list of books on. Le Roy Jeffers, 475*; Storia sommaria della sezione di Verona del Club Alpino Italiano, 304*
MOUNTAINS: Rifted Relict-Mountain, a type of "Old Red" Orogeny. J. M. Clarke, 981*; Section across Sierra Nevada, with comparison of block structure in Central Asia. F. Machatschek, 685*; Strategische Bewertung der Kammlinie eines Grenzgebirges. H. Frobenius, 723*; Suess's classification of Eurasian mountains. J. W. Gregory, 722*
MOUNTAIN SICKNESS: Bergkrankheit. A. Durig, 154*; Fur-

ther observations on changes in the breathing and the blood at various high altitudes. M. P. Fitzgerald, 154*
Moura, G. de Assis, 78*
Moye, M., 980*
Mozambique: A mão d'obra no territorio da Campanhia de Moçambique. J. de Sousa e Vasconcelos, 801*
Mud volcanoes: *see under* Volcanoes
Mueller, H., 898*
Muir, John, 471*; *obituary,* 130
Muir, R., 80*; —, and Philip, M. A., and G., 400*
Muir Glacier: — in 1911 and 1913. L. Martin, 213*, 364*
Mukden: Thirty years in the Manchu capital. Recollections of D. Christie, edited by his wife, *rev.,* 711
Mulder, J. S., 896*
Müller, A., 899*
Müller, F. K., 803*
Mulloy, G. A., 957
Mundy, Peter: Travels of — in Europe and Asia, 1608-1667. Edited by R. C. Temple, Vol. 2: Travels in Asia, 387*
Munich: München als Industriestadt. C. Fritz, *n.,* 716
Munro, R., 134
Munro, R. M., 796
Münster: Nördliche Fortsetzung der münsterländischen Endmörane. T. Wegner, 900*
Murchison Goldfield: Geol. reconnaissance of a portion of. H. P. Woodward, 721*
Murdoch, G. W.: *see* Chadsey, C. E.
Murphy, R. C., 722*
Murphy, T. D., 222, 698
Murray, A. E., 133
Murray, J., 232*
Mürz Valley, Map: G. Freytags Skirouten-Karte des unteren Mürztales und des Hochschwabgebietes, 238*
Musters, G. Ch., 546*; Map of Patagonia showing —, route, 559*
Myrbach, O. von, 981*
Mysore: Meteorolgy in — for 1912, being results of observations at Bangalore, —, etc. 20th Ann. Report. N. V. Iyengar, 229*; Report on rain-fall registration in — for 1912. N. V. Iyengar, 229* Map showing actual rainfall for 1912, 318*

N

Naber, S. P. l'Honoré, 149*
Näf, J., 310*
Nagasaki: Report for 1913 on trade of, 899*
Nahuel Huapi Lake: Durch Patagonien von San Antonio nach dem Lago Nahuel Huapi. C. C. Hosséus, 550*
Nairn: Moray and. C. Matheson, 798*
Namaqualand: Beiträge und Ergänzungen zur Landeskunde des deutschen Namalandes. P. Range, *rev.,* 890; P. Range über das Klima des Namalandes. J. von Hann, 801*
Nanaimo: Geology of the — map area. C. H. Clapp, 227*
Nansen, F., 141, 707
Naples: Siciliana. Sketches of Naples and Sicily in the 19th century. F. Gregorovius, *rev.,* 383
Narbeshuber, M., 232*
Nares, Sir George, *obituary,* 213
Nashville: Geography at the summer school, 453
NATAL: Ansiedelung von Europäern in den Tropen. M. S. Evans, Dr. Hardy, and Dr. Karstedt, 717* **Maps:** Map showing countries and territories, and native reserves, 78*; Maps showing electoral, magisterial and parliamentary divisions, 78*; Road and railway map, 78*
Natazhat Mount: *see* Mount Natazhat
National flags: Atlante di Bandiere. F. Imperato, 387*
Nations: Moderne Betrieb der Völkerkunde. Kulturkreise im Rahmen der Methode der Ethnologie. A. Haberlandt, 154*
Natural Bridges: Strange Rock Formations: —. J. C. Gilson. (Series: Redway's Geogr. Readers.) *rev.,* 146
NAVAJO RESERVATION: Igneous origin of "Glacial Deposits" on the. H. E. Gregory, 894*; Navajo Country. H. E. Gregory, 364*, 561, 652; Navajo Indian in relation to the state, 691
NAVIGATION: La carrière d'un navigateur. Albert I, Prince de Monaco, 470*; The "Conway Manual," being complete summary of all problems in navigation and nautical astronomy, with proofs of formulas for use of officers in mercantile marine and students. J. Morgan, T. P. Marchant, and A. L. Wood, *rev.,* 465; Icebergs and their location in navigation. H. T. Barnes, 475*; Der Kompass. 1: 46 Tafeln und Verzeichnis derselben. A. Schück, *rev.,* 465; Leuchtfeuerverzeichnis, 1915, 473; Lichtenlijst

Navigation—*Cont'd.*
van N. Oost- en West-Indië, 148*; Le portugais et l'astronomie nautique à l'époque des grandes découvertes. L. Gallois, 311*; Schiffahrt und Astronomie. W. Foerster, 74*; Seaman's handbook of meteorology. Companion to barometer manual for use of seamen, 387*
Navy: — and Sea Power. D. Hannay, 470*
NEBRASKA: Influence of overland travel on early settlement of. H. G. Taylor, 70*; Loesses of. G. E. Condra, 115*; Some Indian place-names of. M. R. Gilmore, 115*; Nebraska. (Frye's Geography), 151*; Pennsylvania formations of southeastern. G. E. Condra, and N. A. Bengston, 718*; Results of spirit leveling, 1896 to 1913, inclusive. R. B. Marshall, 306* Sand Hills of (Study of vegetation of sand-hills of Nebraska. R. J. Pool), *rev.*, 873; Semi-precious stones of Webster, Nuckolls and Franklin Counties. D. G. Fitzgerald, 69*; Univ. of —: Geography in the summer school, 453 **Maps:** Falls City Quad., 901*; Nemaha Quad., 476*; Official railway map of, 77*
Neckel, G., 376
Nedjef: Mystic —, the Shia Mecca: Visit to one of the strangest cities in the world. F. Simpich, 230*
Negro Races: Die Geschlechtsreife bei den farbigen Menschenrassen. H. Fehlinger, 311*
Nelson, N. C., 721*
Nelson R.: Basins of — and Churchill Rivers. W. McInnes, 471* Map: Explored routes in lower parts of drainage area of Churchill and Nelson Rivers, 478*
Neogi, P., 631*
Neophytus, F., and Pallary, P., 153*
Nepal, Map: Nepál, with part of Tibet, 728*
NETHERLANDS: Aardrijskundig Woordenboek van Nederland. M. Pott, 148*; Aërological work in Holland, 960; Ergebnisse aerolog. Beobachtungen, 1913, and Ergänzung, 1911-12, 980*; Glazialablagerungen der mittleren Niederlande und ihre Beziehungen zum Diluvium der preussischen Rheinlande. K. Keilhack, 980*; Niederlande. G. A. F. Molengraaf, and W. A. J. M. van Waterschoot van der Cracht (Handbuch der Regionalen Geologie), *rev.*, 463; Über natürliche Grenze der niederl. Küste in Verbindung mit der Senkung des Bodens. Unter Benutzung eines Vortrages von E. Dubois, usw., 804*; Récentes découvertes de houille en Allemagne, Belgique et Pays-Bas. L. de Launay, 899*; Woordenlijst van de Aardrijkskundie Namen in Nederland. M. J. Ijzerman, 225* **Maps:** Postkaart van Nederland, 80*; Netherlands and Belgium, 319*; Süd Niederlande und Belgien, 479* **Colonies:** Histoire de l'expension coloniale des peuples européens. Néerlande et Danemark. C. de Lannoy, and H. Vander Linden, *rev.*, 132; Nederland en de Islám. C. Snouck Hurgronje, 893*
Nettlefold, J. S., 304*
Neuhauss, R., 220, 547*
Neumann, J., 229*
NEVADA: Geology and mineral deposits of National Mining District. W. Lindgren, 894*; Gold, silver, copper, lead and zinc in —, Montana and Arizona in 1913. V. C. Heikes, 306*; Ground water in Big Smoky Valley. O. E. Meinzer, 800*; Ground water in southeastern. E. Carpenter, 549*; Interpretation of distribution of reptiles in Maggie Basin. A. G. Ruthven, 948; Some mining districts in N. E. Cal. and N. W. Nevada. J. M. Hill, 627*; Primary triangulation on 104th meridian and on 39th parallel in Colo., Utah, and Nevada. W. Bowie, 226*; Rochester Mining District. F. C. Schrader, 306* **Maps:** Geomorphic map of Cal. and —, with portions of Oregon and Idaho, showing diastrophic character of relief, steep descent from sub-continental shelf to the floor of the Pacific, and more important known faults. M. Solem, *n.*, 233; Yerington District, *n.*, 806*
Neve, E. F., 296
Nevelle, E. L., 631*
Newbigin, M. I., 304*, 721*
NEW BRUNSWICK: Tourist's maritime provinces. R. K. Wood, *n.*, 782; **Maps:** Canada Geol. Survey Map Tobique Victoria County, 158*; Map showing the number of chartered banks, 902*
New Caledonia: Coast of. W. M. Davis, 364*; *Abstract* of address on Coast of — by W. M. Davis, 609
Newcombe, S. F., 230*, 800*; —, and Greig, J. P. S., 557

NEW ENGLAND: Intercollegiate geological excursion of —, 872; New England (Dodge's Geography). L. R. Allen, and A. J. Knowlton, 150*; — States (Frye's Geography). W. M. Davis, 151*; —'s Federal forest reserve. P. W. Ayres, 875

NEWFOUNDLAND: America, including —, etc. (Series: Oxford Survey of the British Empire). A. J. Herbertson, and O. J. R. Howarth, *rev.*, 971; Géographie de Terre-Neuve. R. Perret, *rev.*, 702; Tourist's maritime provinces. With chapters on —, etc. R. K. Wood, *n.*, 782; Wabana iron ore of. A. O. Hayes, *n.*, 976

NEW GUINEA: Durchquerung Neuguineas vom Waria- zum Markhamfluss. G. Pilhofer, 392*; Land of — pygmies. Account of pioneer journey of exploration into the heart of New Guinea. C. G. Rawling, *rev.*, 219; Über Pygmäenfrage in Neu-Guinea. O. Schlaginhaufen, 72*; Pygmies of. C. G. Rawling, 230*; Record of travel and observation amongst primitive coast and mountain peoples of. R. W. Williamson, *rev.*, 298; Scientific work of N. Miklucho Maclay, 128

British New Guinea: *see* **Papua**

Dutch New Guinea: Mountaineering in. A. F. R. Wollaston, 73* **Map:** Übersichtskarte der Expeditionen nach Zentral-Neu-Guinea 1907 und 1909/10 unter der Leitung von H. A. Lorentz, 399*

German New Guinea: Beiträge zur Kenntnis der Geologie Neu-Guineas. O. Hähnel, 230*; Forschungen im Innern der Insel Neuguinea. L. Schultze, *rev.*, 542; Ergebnisse der Südsee-Expedition, 1908-1910. Vol. 1: Kaiserin-Augusta-Fluss. O. Reche, *rev.*, 542; Exploration of Kaiserin Augusta R., 1912-13. C. O. Sauer, 342; Bericht über meteor. Beobachtungswesen. H. Marquardsen, 631*; Deutsch-Neu-Guinea. R. Neuhauss, 547*; Deutsch Neu-Guinea. R. Neuhauss, *rev.*, 220; Vol. 3: Beiträge der Missionare Keysser, Stolz, Zahn, Lehner, und Bamler, *rev.*, 220; Deutsch-Neu-Guinea in der Gegenwart. K. Sapper, 392*; Nach Deutsch-Neuguinea. W. Behrmann, 392* **Maps:** Durchquerung von Neuguinea im Hinterlande des Hüon-Golfes. G. Pilhofer, and C. Schmidt, *n.*, 637; Skizze zu der Forschungsreise Thurnwald's im oberen Sepikgebiet, *n.*, 725; Stromgebiet des Kaiserin-Augusta-Flusses. M. Moisel, *n.*, 725; Südostküste von Manus und die Insel Pack. Dr. Börnstein, *n.*, 76.

New Hampshire, Maps: Base map of — and Vermont, *n.*, 313; Portsmouth to Dover and Exeter, *n.*, 156; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*

NEW JERSEY: Geology of: Summary to accompany geologic map (1910-12) on scale of 1:250,000. J. V. Lewis, and H. B. Kümmel, 628*; Indian habitations in Sussex County. M. Schrabisch, 628*; Indian remains near Plainfield and along the lower Delaware Valley. L. Spier, 628; New Jersey (Dodge's Geography). O. I. Woodley, 150*; New Jersey (Frye's Geography). S. A. Reilly, 151*; Plant life seen between Philadelphia and Atlantic City. J. W. Harschberger, 305*; Plans for shore protection, 283; Pre-Cambrian sedimentary rocks in the highlands of. W. S. Bayley, 225*; Wave work on the — coast. D. W. Johnson, and W. S. Smith, 628* **Maps:** Milford Quad., 635*; Post route map showing post offices, etc., in operation Oct 1, 1914, 316*; Rand-McNally new commercial atlas map of, 77*

Newland, D. H., 227*

New Market, Va., Map: Battlefield, May 15, 1864. B. A. Colonna, 237*

NEW MEXICO: Archæology of Lower Mimbres Valley. J. W. Fewkes, 226*; Flora of. E. O. Wooton, and P. S. Standley, 719*; Geology and water resources of Tularosa basin. O. E. Meinzer, and R. F. Hare, 549*; Meteor. study of parks and timbered areas in western yellow-pine forests of — and Arizona. G. A. Pearson, 366; The Navajo Country. H. E. Gregory, 561, 652; New Mexico (Frye's Geography). W. G. Tight, 151*; Popular elementary history of. B. M. Read, *rev.*, 290; Spanish mission churches of. L. B. Prince, 798*; State Geogr. Soc. of, 954 **Maps:** Morenci Quad., *n.*, 475; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*

New Orleans: Report for 1913 on trade and commerce of Consular District of, 629*

NEW SOUTH WALES: Ann. Report Dept. of Mines, 1914, 802*; Official Year Book of — 1912, 72*; Physical geography: New England tableland; Tertiary and Post-Tertiary history; western plains; coastal area. E. C. Andrews, 392*; Report for 1910, 11, 12, and 13, together with inspectorial review of coastal and estuarine fisheries and oyster fisheries, 392* **Map:** Map of — showing minerals, 319*

NEW YORK CITY: Burgis views of — and Boston. J. H. Edmonds, 627*; Catskill water supply of. History, location, etc. L. White, *rev.*, 56; L'eau potable à New York: la plus grande distribution d'eau du monde. R. Bonnin, 153*; General Education Board. Account of its activities, 1902-14, 302*; Historical guide to the city of —: (with tercentenary suppl.). F. B. Kelley, *rev.*, 290; Indians of Greater New York. A. Skinner, *rev.*, 538 **Maps:** Automobile Club of America official map covering territory within 100 miles of New York City, 158*; Boroughs of Manhattan and the Bronx showing distributing mains of New York Edison Co., 558*; Final maps of Borough of Queens, 237*; Tentative map of Borough of Queens, 9 sheets, 236*; Map of the City compiled under direction of Board of Estimate and Apportionment, 558*

NEW YORK STATE: — Barge Canal. W. H. Schoff, 321, 498, 593; N. Y. State Board of Geographic Names, 47; Mining and quarry industry in. Report for 1913. D. H. Newland, 227*; New York (Dodge's Geography). A. P. Brigham, 150*; New York (Frye's Geography). M. T. Scudder, 151*; Report of State Commission of Highways, 1914, 151*; Rifted Relict-Mountain, type of "Old Red" Orogeny. J. M. Clarke, 981*; Second Ann. Industrial Directory of New York State, 1913, 471*; Suggestions for proper procedure in systematic street tree planting for towns and cities of New York. H. R. Francis, 549*; Report of State Commissioner of Highways for 1914, 892*; 29th Report of State Entomologist on injurious and other insects of the —, 1913, 471*; Tree situation in. C. Ward, 719* **Maps:** Automobile Club of America official map covering territory within 100 miles of New York City, 158*; Bird's-eye-view of the Barge Canal, 77*; Map showing area and population within various distances from the Barge Canal, 77*; Canal map of the state, 77*; Chart N. Y. state canals, Brewerton to Cross Lake and Syracuse to Oswego, 810*; Churubusco Quad., 476*; Corning Quad., 313*; Electric R. R. map of — to accompany Ann. Report of Public Service Commission, 1914, 236*; Grindstone, Theresa, Cape Vincent, Clayton, and Alexandria Bay Quadrangles, 77*; Milford Quad., 635*; Number Four Quad., 396*; Main traveled routes through New York State, Amer. Automobile Assn., 316*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*

New York Times: — Index. A master-key to all newspapers. Vol. 2, 1914, 225*

NEW ZEALAND: Account of four season's mountaineerings on southern Alps of: Conquest of Mount Cook and other climbs. F. du Faur, *rev.*, 712; Descriptive catalogue of —'s native trees, shrubs, plants, ferns and seeds, 473*; Estimate of Maori population in North Island *circa* 1840, 802*; Statistics for 1913, Vol. 4: Education. Miscellaneous, 473*; Glacial origin of fiords of South Island of. W. M. Davis, 285; Meat production in Australia and. E. C. Joss, 978*; Meteorology in. H. R. Mill, 230*; New Zealand. A. A. Winslow, 899*; — and adjacent Islands. P. Marshall. (Handbuch der regionalen Geologie), *rev.*, 463; Notes on comparatively recent changes in vegetation of Taupo District. H. J. Fletcher, 899*; Notes on some recent earthquakes in, 73*; The — official Year-Book, 1914. M. Fraser, 547*; Old whaling days. History of southern — from 1830 to 1840. R. McNab, 386*; Report of Dept. of Lands and Survey for 1913-14, 73*, for 1914-15, 802*; Statistics of — for 1913. Vol. 1: Blue Book. Population and vital statistics, law and crime, 230* Statistics of the Dominion of — for 1913. Vol. 3: Production, finance, accumulation, postal and telegraph, 392*; Suppl. to Commerce Reports, 1915. J. I. Brittain, 473*; From Tasman to Marsden: History of

northern — from 1642 to 1818. R. McNab, 798*
Niagara Falls: Age of. L. Martin, 126
Nicaragua: Report for 1911-13 on trade of, 472*; —: Bluefields. Suppl. Commerce Reports. C. Ferris, Jr., 896*
Nice: Report for 1913 on trade and commerce of Consular District of, 553*
Nicholas II Land: — reported to be 100 miles wide, 368 Map: Arctic regions showing route of Vilkitski's exp., 160*
Nicholls, S. M., 149*
Nichols, F. H., 100
Nicobar Islands: Map, 159*
Niedermayer, O., 229*
Nielsen, J. N.. 73*
Nieve Penitente: Entstehung des Büsserschnee. C. Kassner, 475*; — and allied formations in Himalaya, or surface-forms of névé and ice created or modelled by melting. W. H. Workman, 229*
NIGERIA: Anthropol. report on Ibo-speaking peoples of. N. W. Thomas, *rev.*, 294; Cano. G. Lezzi, 551*; Specimens of languages from Southern. N. W. Thomas, *rev.*, 294; Sultanate of Bornu. A. Schultze. With additions, etc., by P. A. Benton, *rev.*, 295; With the tin gods (Woman's adventures in N. Nigeria). H. Tremlett, *rev.*, 456 **Maps:** Eket District, S. Nigeria from survey by P. A. Talbot, 1913, *n.*, 555; Map to illustrate paper on Nigeria-Kamerun Boundary Commission of 1912-13. W. V. Nugent, *n.*, 156; Southern Nigeria, 2 sheets, 159*, 2 sheets, 237*
NILE: From Cataract to Equator. J. T. Dennis, *rev.*, 294; Rains of Nile basin and the Nile flood of 1912. J. I. Craig, 308*; River regulation and control in antiquity. W. Willcocks, 233* **Map:** Bartholomew's tourist map of Egypt and the Lower Nile, 399*
Nilsson, D., 554*
Niox, —, 638*
Nippoldt, A., 900*
Nootka Sound: Papers relating to — and to Capt. Vancouver's expedition, 800*
Nordenskiöld, E., 717*
Nordenskjöld, O.: — expedition postponed, 452
Nordhausen, R., 974*
Norfolk Island: Territory of. A sketch. A. Hunt, 309*
Norlind, A., 621
Norris, G. W., 389*
NORTH CAROLINA: Biennial Report of State Geologist 1913-14, 471*; Forest fires in — during 1913 and state forest fire prevention in the U. S. By J. S. Holmes, 69*; Forest fires — during 1914 and forestry laws in. J. S. Holmes, 975*; Organization of co-operative forest-fire protective areas in. Being proceedings of special conference on forest fire protection, etc. J. S. Holmes, 975*; Loblolly or — pine. W. W. Ashe, 975*; Mining industry in — during 1911 and 1912. J. H. Pratt, 306*; North Carolina (Dodge's Geography). E. C. Brooks, 151*; North Carolina (Frye's Geography). P. P. Clayton, and R. D. W. Connor, 151*; Soil survey of Forsyth County. R. T. Allen, 548* **Map:** Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*
NORTH DAKOTA: Some facts concerning the Germans of. W. G. Bek, 718*; Impressions of the Bad Lands. J. J. Runner, 628*; North Dakota. (Frye's Geography). H. E. Simpson, 151*; Temperature and spring wheat in the Dakotas. T. A. Blair, 548*; Univ. of: Geography at the summer school, 372 **Maps:** Map of, 316*; Post route map showing post offices, etc., in operation Oct 1, 1914, 316*
Northeast Passage: Ice in the Arctic ocean and the sea route from Europe to Siberia. E. Lesgaft, 387*; Return of Vilkitski Expeditions, 961
Northern Pacific R. R.: *see under* United States
Northern Territory: The Daly River. J. J. Cummins, 309*; Native tribes of. B. Spencer, *rev.*, 297; Northern Territory, 899*; Report of administrator for 1913, 309*
North Island: *see under* New Zealand
North Pole: *see* Poles, Earth
NORTH SEA: Bull. Hydrogr., Juillet 1912-Juin 1913, 721*; Geography of — Region. A. Merz, 610; Leuchtfeuerverzeichnis, 1915. Gewässer zwischen Ost- und Nordsee; Nordsee bis zum Polarkreis, 473*; The — and its fisheries. W. D'Arcy Thompson, 231*; Pêcherie de la Mer du Nord. C. Vallaux, 231* **Maps:** Atlas der Gezeiten und Gezeitenströme für das Gebiet der

North Sea—*Cont'd.*
Nordsee und der Britischen Gewässer. (D. Seewarte), 160*; Jade R. and Weser R. entrance. From German Surveys to 1913. (U. S. Hydrogr. Office), 560*; Netherlands, Scheveningen to Ameland, including the Zuider Zee, 480*; Norder Piep to Vortrapp Tief, including Helgoland, 904*; North Sea, 319*; —: Dover and Calais to Orfordness and Scheveningen, 480*; —: Germany, Elbe R., Brunsbüttelkoog to Hamburg, 480*; —: Northern sheet, 480*
Northumberland. S. R. Haselhurst, 68*
NORWAY: Autour du cercle polaire. Norvège- Suède- Danemark. P. de Genis, *rev.*, 222; Jahrb. des Norweg. Meteorol. Instituts für 1914, 980*; Im Lande der Mitternachtsonne. M. Narbeshuber, 232*; Nach den Lofoten. H. Pudor, 310*; Das Nordland. C. Lausberg, *rev.*, 139; Whaling industry in 1913, 961; Report for 1913 on trade and commerce of, 980*; Surface of central. W. Werenskiold, 685*; Norsjø-Skienkanalen. En oversigt over kanalens anlægs-og driftshistorie til 1911, 304*; Ten years near the Arctic Circle. J. J. Armistead, *rev.*, 713 **Maps:** Carte économique de la Norvège. C. Vallaux, *n.*, 76; Kart over Nordre Trondhjems Amt, 80*; Karte over rikstdlegrafens og private telefonselskapers linjeruter i det sydlige Norge — i det nordlige Norge, 319*; Landgeneralkart, 80*; Naze to North Cape, 904*; Postkart over det nordlige Norge, og over det sydlige Norge. K. Gleditsch, 239*; Riks-telegraf-og telefonkart over det nordlige Norge, 239; Topografisk kart over kongeriget Norge, 80*, 239*, 399*; Valgkart over Norge. J. Ydstie, and A. Blom, 80*
NOVA SCOTIA: Ann. Report of Mines, 1914, 389*; Arisaig-Antigonish District. M. Y. Williams, 471*; Gold fields of. Compiled largely from the results of investigations by E. R. Faribault. W. Malcolm, 70*; Tourist's maritime provinces. R. K. Wood, *n.*, 782 **Maps:** Franey Mine and vicinity, 727*; Pleasant R. Barrens Gold District, 727*; Geological map, 158*; Map showing number of chartered banks in, 902*
Nugent, W. V., 156
Nussbaum, F., 684*
Nuttall, Z., 225*
Nyström, E., 303*

O

Oakenfull, J. C., 717*
Oberhummer, E., 155*, 684*
Obituary, 55, 130, 213, 289, 453, 613, 696, 778, 882, 965
Obst, E., 309*
OCEANIA: Cruise of "Janet Nichol" among South Sea Islands. Diary by Mrs. R. L. Stevenson, *rev.*, 713; Malayo-Polynesische Wanderungen. G. Friederici, 552*; Oceania. P. Marshall. (Handbuch der regionalen Geologie), *rev.*, 463; Ozeanländer. Geographie des Erdkreises. Pomponius Mela. Aus dem lateinischen übersetzt und erläutert von H. Philipp, 387*; Wealth of world's waste places and. J. C. Gilson, *rev.*, 146
OCEANOGRAPHY: Aufgaben und Probleme der Ozeanographie. W. Brennecke, 475*; O. Krümmel: Handbuch der Ozeanographie. Vol. 1: Räumlichen, chemischen und physikalischen Verhältnisse des Meeres, 1907. (2nd edit. of Vol. 1 "Handbuch der Ozeanographie" by V. von Boguslawski, 1884.) Vol. II: Bewegungsformen des Meeres—Wellen, Gezeiten, Strömengen, 1911. O. Krümmel, *rev.*, 940; Das Meer: Seine Erforschung und sein Leben. O. Janson, 387*; Review questions on the ocean, 982* **Currents and Tides:** Notions sur le phénomène des marées. M. P. Hatt, 722*; Wellen, Gezeiten, Strömungen, 1911. O. Krümmel, *rev.*, 940 **Exploration:** Bull. hydrogr., Juillet 1912-Juin 1913 . . . résultats acquis pendant les croisières périodiques, etc., 721*; Erzherzog Ludwig Salvator als Forscher des Mittelmeeres. L. Woerl, 799*; Forschungsreise S. M. S. "Möwe," 1911. Beobachtungen Ozeanographie und Meteorologie . . . Atlantischen Ozean. G. Schott, B. Schulz, and P. Perlewitz, 633*; Meereskundliche Untersuchungen in der deutschen Bucht. F. Wendicke, 68*; Oceanic researches at a standstill, 612; Oceanografia del Mediterraneo secondo le ricerche danesi. G. Platania, 980*; Ozeanogr. Arbeiten der "Möwe" im westlichen Indischen Ozean, 1913. W. Brennecke, 804*; Ozeanogr. Arbeiten S. M. S. "Planet" im w. Stillen

Oceanography—*Cont'd.*
Ozean 1912-13. W. Brennecke, 633*; Recent oceanographical researches. C. Gravier, 981*; Scientific work on ice patrol steamers, 695; Sondages exécutés par divers navires anglais, 633* **Hydrobiology:** Fishes of the deep-sea. L. Hussakof, 723*; Hydrobiologie als selbständige Wissenschaft und die Gründung einer Anstalt für die — der Binnengewässer. A. Thienemann, 311*; Life in the Oceans. J. Murray, 232*; Listes planktoniques des recherches quantitatives pour 1910-11, 475*; Marine algal vegetation. H. Jónsson, (Coasts of Iceland), *rev.*, 790* Marine Biol. Report for 1912 and for year ending June 30, 1913. (Cape of Good Hope), 67*; Neuere Untersuchungen über die kleinsten Organismen des Meeres. J. Schiller, 723*; Recent plankton investigations; New Methods developed by Lohmann, 536; Plankton production in N. European waters in the spring 1912. H. H. Gran, 899*; **Physical Oceanography:** Geology of the bottom of the seas. L. de Launay, 981*; Shelf-seas of the Paleozoic and their relations to diastrophism and time divisions. T. C. Chamberlin, 154*; Submarine slopes. J. S. Gardiner, 475* **Temperature:** New determination of oceanic evaporation. W. Halbfass, 695; Strahlung und Verdunstung an freien Wasserflächen: Ein Beitrag zum Wärmebaushalt des Weldmeers und zum Wasserhaushalt der Erde. W. Schmidt, 634*; Oceanogr. en meteorol. Waarnemingen in den Indischen Oceaan, Dec., Jan., Feb. 1856-1910, *n.*, 616; Waarnemingen in den N. Atlantischen Oceaan in Mei 1914, hoofdzakelijk ter verglijking van gemeten en geschatte windkracht en windrichting. P. H. Gallé, 980* **MAPS:** Carte générale bathymétrique des océans. 3 sheets, *n.*, 160
O'Connor, V. C. Scott, 66
Odessa: Report for 1913 on trade of Consular District of, 632*
Odoric of Pordenone: Was — ever in Tibet? B. Laufer, 552*
Odum, H. W., 723*
Oehlmann, E., 394*
Oestreich, K., 685*
Ogg, F. A., 65
Ogilvie, A. G., 310*
OHIO: Building stones of Ohio. J. A. Bownocker, 894*; Geography at the summer school, Denison Univ. and Oberlin College, 372, 453; Ohio (Dodge's Geography). J. A. Bownocker, 151*; Ohio (Frye's Geography), 151*; Human relations in glacial lake plains of. P. F. Carney, 115*; Ohio weather for 1912, 70*; Ohio Weather for 1913. J. W. Smith, and C. A. Patton, 549*; Phenological dates and meteorological data recorded by T. Mikesell between 1873 and 1912 at Wauseon. J. W. Smith, 800* **Maps:** Brinkhaven Quad., *n.*, 806*; Cincinnati Quad., *n.*, 156; Coshocton Quad., *n.*, 806*; Fredericktown, Loudonville, and Perrysville Quadrangles, 313*; Millersburg Quad, *n.*, 806; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Waynesville Quad., *n.*, 806
OHIO RIVER: The —: Its canalization by the government for commercial traffic, etc. W. H. Schoff, 628*; — Basin (Surface water supply of the U. S., 1913, Part 3). A. H. Horton, W. E. Hall, and H. J. Jackson, 549*
OHIO VALLEY: Another study of the — flood. (The flood of 1913 in Lower White R. region of Indiana.) H. P. Bybee, and C. A. Malott, 227*, 365
Oil Palm: Geogr. Verbreitung der Ölpalme. H. Schad, 394*
Oil of Petroleum: *see* Petroleum
Ojibwa: Myths and folk-lore of Timiskaming Algonquin and Timagami Ojibwa. F. G. Speck, 976*
Okefinoke: Sojourn in the primeval —. F. Harper ,719*
OKLAHOMA: Anticlinal structure in parts of Cotton and Jefferson Counties. C. H. Wegemann, 800*; Cushing oil and gas field. F. Buttram, 305*; Mineral resources of — and statistics of production from 1901 to 1914. C. W. Shannon, 306*; Occurrence of petroleum and natural gas in mid-continent field. C. N. Gould, 226*; Oil pools of southern — and N. Texas. J. H. Gardner, 894*; —. (Frye's Geography.) C. W. Briles, and L. C. Snider, 151*; Volcanic dust in. F. Buttram, 305* **Maps:** Hominy Quad., 635*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*
Olbricht, K., 982*

Oldham, W. F., 62
Oliveira, F.: *see* Monteiro, J.
Oliveira Martins, J. P., 624
Olufsen, O., 684*
Oman: Handelsverhältnisse in — und im Persischen Golf. D. T. E. v. Sorinj, 898*
Omori, F., 72*, 152*, 229*, 720*
ONTARIO: Occurrence of gold in. J. B. Tyrrell, 629*; Ontario: E. Part, W. and S. W. —, W. Peninsula of — and Manitoulin Island, Townships of Eastern Part of (Guide books for excursions of 12th Intern. Geol. Congress in Canada, 1913), *rev.*, 701; Report of Minister of Agriculture, year ending Oct. 31, 1914, 800* **MAPS**: Key harbour and its approaches, Georgian Bay, 809*; Lower Detroit R., showing Livingstone Channel and positions of aids to navigation, 809*; Map showing branches of chartered banks in — and Quebec, 902*; St. Joseph Channel, 809*; Standard topographical map, 1 sheet, 316*
ONTARIO LAKE: Note on bottom currents in. E. M. Kindle, 388*
Opitz, C., 239*
Oppel, A., 231*, 973*
Oppenheim, S., 470*, *see also* Foerster, W.
Ora Maritima: Beiträge zur geogr. Erklärung der — Aviens. J. Frank, 231*
Oran: Statistique du mouvement commercial des ports du département d'—, 1913, comparé au mouvement de 1912, et par nature de marchandises, 897*
Orange Free State: Maps, 159*, 237*
Ordnance Survey: *see under* United Kingdom
Oreglia di Santo Stefano, L., 973*
OREGON: Cal., with glimpses of —, etc. E. Markham, *rev.*, 538; Deschutes River and its utilization. F. F. Henshaw, J. H. Lewis, and E. J. McCaustland, 226*; New relief map of —: Its construction and use. S. Shedd, 895*; Nitrate deposits in eastern — and southern Idaho. G. R. Mansfield, 800*; Oregon (Frye's Geography), 151*; Oregon Country. Out-doors in —, etc., together with some legendary lore, and glimpses of modern west in the making. G. P. Putnam, *n.*, 781; Profile surveys in Hood and Sandy River Basins. R. B. Marshall, 306*; Profile surveys in Willamette R. Basin. R. B. Marshall, 470*; Reconnaissance of geology and oil prospects of northwestern. C. W. Washburne, 306*; Sand dunes of Coos Bay, Oregon. H. D. House, 69* **Maps**: Base map of, *n.*, 314; Pine Quad., 396*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*
Orense: Map, 320*
Ores: Lehre von den Erzlagerstätten. R. Beck, 69*
Orfield, M. N., 895*
ORIENT: The ancient East. D. G. Hogarth, 546*; Het Daghet in den Oosten. H. Borel, *rev.*, 710; German scholar in the East. Travel scenes and reflections. H. Hackmann, *rev.*, 457; Kulturbeziehungen zwischen Indien, Orient und Europa. G. Wilke, *rev.*, 617; Aus den Waldungen des fernen Ostens. Forstliche Reisen und Studien in Japan, Formosa, Korea und angrenzenden Gebieten Ostasiens. A. Hofmann, *rev.*, 63 **Maps**: Southeastern Europe and the Near East. Hans Schiltbergers Itinerar. J. Bergbauer, *n.*, 478; Wall map of the Near East [in Arabic], 640*
Orissa: Holy Land of the Hindus. R. L. Lacey, *rev.*, 456
Orlowicz, M., and Kordys, R., 224*
Orsi, P., 383, 716
Orta, G. da, 707
Ortler: La guerre de glaciers et la possession de l'. E. A. Martel, 979*
Osborne, J. B., 632*
Oseki, K., 367, 391*, 978*
Ossa, I. D., 896*
Osterrieth, A., 304*
Ostrander, H. C., 364*
Oswald, F., 463, 555, 640*
Ottawa: Neighborhood of — and Montreal (Guide books for excursions of the 12th Intern. Geol. Congress in Canada, 1913), *rev.*, 701
Ottawa Valley: Structural relations of Pre-Cambrian and Palaeozoic rocks north of the — and St. Lawrence valley. E. M. Kindle, and L. D. Burling, 800*
Otter-Barry, R. B.: *see* Perry Ayscough, H. G. C.
Ottoman Empire: *see* Turkish Empire
Ouvèze et Payre: Région Privadoise. E. Reynier, 553*

P

PACIFIC OCEAN: European influence in the Pacific, 1913-14. E. im Thurn, 633*; Meteorol. chart of southern ocean between Cape of Good Hope and New Zealand, *rev.*, 141; Ozeanographische Arbeiten S. M. S. "Planet" im westlichen Stillen Ozean 1912-13. W. Brennecke, 633*; Sondages exécutés par divers navires anglais, 633* **Maps:** Chart of Spanish galleon taken by Comm. Anson from Nuestra Señora de Cabadonga in 1743, *n.*, 235; Part of the — to illustrate paper by B. Thompson, *n.*, 235; Chart of the Indian and S. W. Pacific Oceans, 983*; Map of Japan and Western Pacific, 320*; Philips' comparative series of wall atlases, 984*; Wall map of the — [in Arabic], 640*; Zusammenhänge des Zerrungsphänomens beim Grossen und Indischen Ozean. W. Volz, *n.*, 397

Pack, R. W.: *see* Anderson, R.

Packard, L. O., 81

Padgett, H. D.: *see* Follansbee, R.; and Lamb, W. A.

Paleozoic: Shelf-seas of the — and their relations to diastrophism and time divisions. T. C. Chamberlin, 154*

Paleozoology: Lehrbuch der Paläozoologie. E. Stromer von Reichenbach, *rev.*, 385

PALESTINE: Aberglaube und Volksmedizin im Lande der Bibel. T. Canaan, 394*; Deutsche und jüdische Kolonisation in Palästina. D. Trietsch, 899*; Geschichte des Volkes Israel. R. Kittel, *rev.*, 301; Impressions of. J. Bryce, 552*; Materials for history of Dor. G. Dahl, 552*; Palestine in geography and in history. A. W. Cooke, *rev.*, 64; Spell of the Holy Land. A. Bell, 973*; A Syrian pilgrimage. J. B. Ascham, *rev.*, 706; Völker Altpalästinas. O. Procksch, 547* **Maps:** Carte de la Terre Sainte, 159*; G. Freytags Kriegskarte von Ägypten, Palästina und Arabien, 399*; Holy Land to illustrate the New Testament, 811*

Pallary, P., 801*, *see also* Neophytus, F.

Palma: Porto Pí in der Bucht von — de Mallorca, 68*

Palmer, A. H., 311*, 369, 956

Paltsits, V. H., 549*

Pamirs: Mountain panoramas from the — and Kwen Lun. A. Stein, *rev.*, 63; Pamirexpedition des Deutschen und österreichischen Alpenvereins, 1913. H. von Ficker, 71*; Pamirtadschik. Auf Grund einer in den Jahren 1911-12 ausgeführten Reise in den Pamir. A. von Schultz, 303*

Pampaconas River: Along the unchartered —. H. Bingham, 720* Map, *n.*, 234

PANAMA: Old Panama and Castilla del Oro. C. L. G. Anderson, *rev.*, 782; San Blas Indians losing their isolation. J. G. Steese, 773; West-Indië: Panama, Antillen, etc. C. J. Wijnaendts Francken, 627*

PANAMA CANAL: Ann. Report of Isthmian Canal Comm. and the Panama Canal, year ended June 30, 1914, 228*; —: Comprising its history and construction, its relation to the navy, international law and commerce. R. E. Bakenhus, H. S. Knapp, and E. R. Johnson, *rev.*, 783; Conditions at the. J. G. Steese, 773; New chart of, 211; — Traffic, 49; Panamakanal und seine Bedeutung. Hptm. Smend, 224*; —: Seine Geschichte, seine technische Herstellung, usw. G. Wegener, 228*; Panama-Pacific International Exposition, 471*; Who built the —? W. L. Pepperman, 798* **Maps:** Chart No. 1 of Panama Canal, from Limon Bay to Mile 29. Chart 2. from Mile 29 to Panama Bay. Isthmian Canal Commission, 317*

PANAMA CANAL ZONE: Ann. Rept. Isthmian Canal Comm. and the Canal, year ended June 30, 1914, 228*; Daily march of meteor. elements in the. J. von Hann, 228*; Geological survey of, 957; Panama and the Canal. Story of its achievement, problems, etc. W. J. Abbott, *n.*, 59 **Maps:** Panama Canal to illustrate paper by V. Cornish, *n.*, 234; Post route map of the — showing post offices, etc., in operation Oct. 1, 1914, 317*

Panay: Map, 559*

Panjabi: A — phonetic reader. T. G. Bailey, 547*

Pannain, E., 722*

Pappenheim, P., and Boulenger, G. A., 626*

PAPUA: Natives of Fly River, British New Guinea, 451; Papua: Ann. Report for 1913-14, *n.*, 899; Where the stone age lingers. A. G. Mayer, 978*

PARÁ: Narrative of explorations in little-known regions of —, on lower Amazon, with record of archæological excavations on Marajô Island at the mouth of the Amazon, and observations on general resources of the country. A. Lange, *n.*, 784; Report for 1913 on trade of Consular District of, 71*
Paradise Valley, Ariz.: Ground Water in. O E. Meinzer, and A. J. Ellis, *n.*, 895
PARAGUAY: Argentine Year Book, 1914. With chapter on, 468*; Landwirtschaft in. E. Pfannenschmidt, 390; Paraguay. S. H. Wiley, 897* **Map**: Mapa del. F. D. Ladouce, 317*
Paraná: Estado do Paraná 1911, 896*; Primitivos habitantes del delta del. L. M. Torres, 386*
PARIS: Twenty centuries of. M. S. C. Smith, *rev.*, 221; Basin of Paris. E. M. Sanders, 803*; Notes on basins of London and —, and on Sambre-Oise route to Paris. A. J. Herbertson, 802* **Map**: Carte des environs de Paris, 319*
Parker, E. W., 227*
Parker, W. T., 625*
Parkinson, J., 235
Parsons, M. R., 471*
Parthia (Khorasan): Parthian stations by Isidore of Charax. Account of overland trade route between Levant and India in First Century B. C. Greek Text, with translation and commentary. W. H. Schoff, 552*
Partsch, J., 309*, 393*, 631*, 684*
Pascoe, E. H., 303*
Passarge, S., 160*
PATAGONIA: In and about Patagonia. R. D. Salisbury, 213*; Deseado formation of. F. B. Loomis, 303*; Durch Patagonien von San Antonio am Atlantischen Ozean nach dem Lago Nahuel Huapi. C. C. Hosséus, 550*; Etude phytogéogr. de la région du Rio Negro inférieur. L. Hauman-Merck, 303*; Descripción de la. P. T. Falkner, *n.*, 546; Geography of northern. W. D. Jones, 116*; Northern —: Resumé of B. Willis's Surveys along the Forty-first parallel. I. Bowman, 348; Physiography of Cordillera de los Andes between latitudes 39° and 44° South. B. Willis, 228*; Vida entre los Patagones. G. Ch. Musters. Traducción, anotaciones, biografica y bibliográfica por S. A. Lafone Quevedo, 546*; Where the two great oceans meet. J. C. Gilson. (Series: Redway's Geogr. Readers), *rev.*, 146 **Maps**: General map of Northern —, Mapa topogr. de la cordillera de los Andes, eight topogr. sheets of "Forty-First Parallel Survey," and twenty other maps accompanying "Northern Patagonia," by B. Willis, *n.*, 397; Map showing Capt. Musters' route, 559*
Patagonia Mts.: Mineral deposits of the — and Santa Rita Mts. F. C. Schrader, 628* Maps: Geol. map, Topogr. map, 638*
Patrician Glacier: — south of Hudson Bay. J. B. Tyrrell, 228*
Patton, C. A.: *see* Smith, J. W.
Paulsen, O., 718*
Pavlof Volcano: Eruption of, 46
Paxson, F. L., 70*
Payer, Julius Ritter von, *obituary*, 882
Peake, R. J., 69*
Pearson, G. A., 366
Peary, R. E.: —: The man and his work. H. L. Bridgman, 805*
Pease, A. E., 61
Pechora: Seeweg zur Petschora-Mündung und der Stschugorsche Wólok über den nördlichen Ural. A. Sibiriakoff, 73*
Peck, W. R., 898*
Peebles: — and Selkirk. G. C. Pringle. (Cambridge County Geographies), 386*
Peet, T. E., 67*
Peking: Annals and Memoirs of the Court of. (From 16th to 20th century.) E. Backhouse, and J. O. P. Bland, *rev.*, 295
Pelet, P., 237*
Penka, K., 633*
PENNSYLVANIA: Biennial Report of Topogr. and Geol. Survey of — for two years ending June 1, 1814, 471*; Clay and clay products, 1911, 629*; Geologic influences of economic development of — Piedmont Plateau. D. Rolfe, 975*; Minerals of. A. P. Brown, and F. Ehrenfeld, 305*; —. (Dodge's Geography, State Suppls.). C. H. Albert, 151*; (Frye's Geography, State Suppls.), 151*; — trees. J. S. Illick, 306*; Recent date of attenuated glacial border in. G. F. Wright, 151*; Report of Dept. of Forestry of State of — for 1912-13, 629*; Study of North Appalachian Indian pottery. C. Wren, 303*;

Pennsylvania—*Cont'd.*
Topographic map of, 531 **Maps:** Automobile Club of — road map of south central, 810*; Main traveled routes through, Amer. Automobile Assn., 316*; Map showing state highways as adopted under Sproul Road Bill, 558*; Milford Quad,, 635*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Reading Quad., *n.*, 635; Road map of S. E. Pa., 810*
Pennybacker, J. E., 975*
Peoples: Wanderings of. A. C. Haddon, 149*
Pepperman, W. L., 798*
Pereira Brasil, R., 386*
Pereira da Silva, A., 974*
Pérez, F., 553*
Pergameni, C., 155*
Pericás, B. D., 231*
Perisho, E. C., and Visher, S. S., 151*
Perlewitz, P.: *see* Schott, G.
Pernambuco: Report for 1913 on trade of Consular District of, 472*
Perret, F. A., 632*, 702
Perret, R., 702
Perry-Ayscough, H. G. G., and Otter-Barry, R. B., 62
PERSIA: Ancient history of: Elam, Media and the rise of Achæmenian dynasty. P. M. Sykes, 978*; Iran im Mittelalter nach den arabischen Geographen. P. Schwarz, 153*; Journey through Azerbaijan and Persian Kurdistan, 68*; Kriegsschauplatz der türkisch-persischen Grenze und seine Erdölvorkommen. F. Frech, 977*; Kunst und Gesellschaft in Nordpersien: Kunsthist. und . . . Aufnahmen in Teheran, Masenderan und Chorasan. E. Diez, 229*; Landschaftskunde von Persien. O. Niedermayer, 229*; Persien. A. F. Stahl. (Handbuch der regionalen Geologie), *rev.*, 463; Report for year ending March 21, 1914, on trade of Bushire, 473*; A seventh journey in. P. M. Sykes, 631*; Through Persia. F. B. Bradley-Birt, *rev.*, 219 **Maps:** Perse, Province du Guilan, 238*; Southern Asia series, sheets: N. Persia and S. Persia, 238*, *n.*, 637
Persian Gulf, Map: Bacino orientale del Mediterraneo, Golfo Persico, etc., 240*
Personal, 55, 130, 213, 288, 372, 537, 613, 695, 778, 882
Perthes, J., 889
PERU: Along the uncharted Pampaconas. H. Bingham, 720*; H. Bingham's latest expedition, 774; Peru: A land of contrasts. M. Todd, *n.*, 888; Mexico and Peru, America, Canada. C. Richmond, 148*; Myths of Mexico and. L. Spence, *rev.*, 462; Peru. W. W. Handley, 897*; Peru: Physical features, natural resources, communication, industrial development. E. C. Vivian, *rev.*, 216; Pflanzenwelt der peruanischen Anden in ihren Grundzügen dargestellt. A. Weberbauer, *rev.*, 378; Reise in — und Ecuador ausgeführt 1909 von W. Sievers, *rev.*, 455 **Maps:** Mittel- und Nord-Perú. W. Sievers, five maps, 479*; Pampaconas River, *n.*, 234; Mapa de la zona petrolífera del norte del. R. A. Deustua, 810*; Pflanzenwelt der peruanischen Anden. A. Weberbauer, 317*; Reiseweg in Peru und Ecuador 1909. W. Sievers, *n.*, 724
Petermann, August: Leben und Wirken —'s. E. Weller, *n.*, 974
Peters, J. G., 302*
Petersen, H. B., 238*
Petersen, M., 624
Peterson, W.: *see* Widtsoe, J. A.
Petra: Eine Reise nach. F. Mielert, 392*
Petroleum: Formation des charbons et des pétroles. J. Cornet, 149*; Oil conquest of the world. F. A. Talbot, 799*; Practical oil geology: Application of geology to oil field problems. D. Hager, 974*
Pettersson, O.: — appointed president of Intern. Oceanogr. Investigations Committee, 612
Pettit, J. H.: *see* Hopkins, C. G.
Peucker, K., 159*; —'s farbenplastische Wanderkarten Bergheil. M. Grosse, 475*; *see also* Freytag, G.
Pfannenschmidt, E., 390*
Philadelphia: Causes of growth of — as an industrial center. R. M. Keir, 719*; Plant life seen between — and Atlantic City. J. W. Harshberger, 305*
Philip, M. A., and G.: *see* Muir, R.
Philipp, H., 387*
PHILIPPINE ISLANDS: *see also* Separate Islands: Ann. Report of Director of Forestry of the — for 1914. W. F. Sherfesee, 899*; Forest wealth. Opportunity, with proper conservation, to make the islands' timber lands steadily increase in value. D. C. Worcester, 230*; Economic conditions in the. H. H. Miller, and C. H. Storms, 626*; Evolución del idioma y de los habi-

Philippine Islands—*Cont'd.*
tantes de Filipinas desde la época prehistórica hasta nuestros días. E. d'Almonte, 720*; India, Malaysia and the —: Study in missions. W. F. Oldham, *n.*, 62; Recent surveys by steamer *Pathfinder*, 533; Traditions of the Tinguian: Study in — Folk-Lore. F. C. Cole, 473* **Bureau of Science:** Twelfth Ann. Report of the — for year ending June 30, 1913. A. J. Cox, 229* **Geology and Minerals:** Contribution to metallogeny of the Islands. P. R. Fanning, 229*; Philippine Islands. W. D. Smith. With chapter on lithology. J. P. Iddings (Handbuch der regionalen Geologie), *rev.*, 463; Mineral resources of the — 1913, 473*, in 1914, *n.*, 978 **Meteorology:** Bull. for March, 1915, Weather Bureau, 978*; Meteorol. Bull. for Feb., 1915. J. Coronas, 899* **Political Problems:** Decade of American government in the Philippines, 1903-1913. D. P. Barrows, 303*; Igorots of Lepanto. J. A. Robertson, 720*; Mohammedan problem in the. J. P. Finley, 552*; The Moro government. L. Wood, 230*; The Moro under Spain and America. I. L. Hunt, 230*; Odyssey of the Philippine Commission. D. R. Williams, *rev.*, 218 **Maps:** Maps of Bur. of Coast and Geod. Sur., Geogr. Div., Manila, 559*; New library atlas map of, 238*; Post route map showing post offices, distances, etc., in operation Oct. 1, 1914, 318*; Southwestern part of the, 314*
Philippson, A., 398, 706
Phillips, J. H., 151*
Phoenix, Ariz.: Environs of — and the Roosevelt Dam. A. Vacher, 685*
Phosphate: Wichtigsten Lagerstätten der "Nicht-Erze." Phosphat, usw. O. Stutzer, 69*
Phoutrides, A. E., 474*
Physical Geography: *see under* Geography
Physical Tables: Smithsonian, 1914. F. E. Fowle, 155*
PHYSIOGRAPHY: Basis of division into physiographic provinces. N. M. Fenneman, 115*; College physiography. R. S. Tarr, and L. Martin, *rev.*, 795; Discussion on — of arid lands. T. H. Holland, 722*; Physiography and anthropogeography. W. S. Tower, 54
Phytogeography: *see under* Geography
Piazza, G., 308*
Piccioli, L., 632*
Piedmont: Cartografia dell' Italia nel cinquecento, con un saggio sulla cartografia del Piemonte. R. Almagià, 393*; Elvo: Note idrografiche e morfologiche del Biellese. M. Vanni, 804*
Pieris, P. E., 709
Pilder, H., 547*
Pilgrim's Scrip. [Archæol. Researches.] R. C. Thompson, *rev.*, 467
Pilhofer, G., 392*; —, and Schmidt, C., 637
Pine: The story of white pine. H. Maxwell, 233*
Ping Wen Kuo, 546*
Pir Panjal: Beyond the. Life and missionary enterprise in Kashmir. E. F. Neve, *rev.*, 296
Pirsson, L. V., 152*
Piscicelli, M., 631*, 802*
Pittman, E. F., 72*
Pjeturss, J., 463
Place Names: *see* Geographical Nomenclature
Planets: Are the — inhabited? E. W. Maunder, *rev.*, 148
Plankton: Listes planktoniques des recherches quantitatives pour 1910-11, 475*; Recent plankton investigations, 536
Plansee: Eine geogr. Seenstudie. E. Fels, 469*
Plant Geography: *see* Phytogeography, under Geography
PLANTS: *see also* Vegetation: Anpassungserscheinungen der Alpenpflanzen. A. Günthart, 802*; Evolution of sex in. J. M. Coulter, 387*; Floral features of California. L. Abrams, 718*; Flora of New Mexico. E. O. Wooton, and P. S. Standley, 719*; Kulturgeschichte der Nutzpflanzen. L. Reinhardt, 69*; Nutzpflanzen unserer Kolonien [German colonies] und ihre wirtschaftliche Bedeutung für das Mutterland. D. Westermann, 799*; Plant and Animal life: Notes on significance of the Biota and of biogeography. S. S. Visher, 509; Role of winter temperatures in determining distribution of plants. F. Shreve, 311*
Plassmann, J., 68*
Platania, G., 803*, 804*, 980*
Plumb, R. G., 70*
Pocono Mountain Region: Nature and

Man in the. J. W. Harshberger, 549*
Poggi, G., 382
POLAND: Miocänstudien in Polen. 1. Teil. W. Friedberg, 393*; Sur morphogénèse des Karpathes situées au nord de Krosno. A. Fleszar, 473*; Der polnische Kriegsschauplatz. J. Partsch, 309*; Pologne économique. G. Bienaimé, 802*; Weichsel als Wasserstrasse und ihre volkswirtschaftliche Bedeutung für Königreich Polen. E. J. Reyman, 469*
POLAR REGIONS: *see also* Arctic and Antarctic: Polar Regions. J. C. Gilson. (Series: Redway's Geogr. Readers), *rev.*, 146; Recent polar exploration. H. L. Bridgman, 310* **Map:** Currents in the Arctic and Antarctic oceans, with attention to water temperatures, color and formation of ice, and other physical conditions. J. C. Soley, 728*
POLES, EARTH: Entdeckungsreisen am Nord- und Südpol. J. Wiese, 304*; Names of South Polar Plateau, 287; Position of the north-magnetic pole. A. S. Steen, 961
Political Economy: Economic policy of Colbert. A. J. Sargent, 150*
Political Science: Kinship and social organization. W. H. R. Rivers, 149*; Origin of property and the formation of village community. J. St. Lewiński, 149*
Pollen, J., 980*
Pomesanien: Oberflächengestalt von — und ihre Abhängigkeit vom geologischen Aufbau. W. Bayreuther, 803*
Pompeu, T., 896*
Pomponius Mela: *see* Mela
Pontevedra, Prov.: Map, 904*
Pontevedra Town: Map, 239*
Pontoppidan, H.: *see* Schulze, G.
Pool, R. J., 873
Population, Density of: Bodenbenutzungsform und Volksdichte. H. Bernhard, 311*
Porter, E. A.: *see* Follansbee, R., and Henshaw, F. F.
Porto Pí: — in der Bucht von Palma de Mallorca, 68*
PORTO RICO: Climate of. O. L. Fassig, 367; Geol. reconnaissance of. C. P. Berkey, 896*; Importance of educational work in. S. W. Eckman, 228*; —: Past and Present, and San Domingo of to-day. A. H. Verrill, *rev.*, 292; Report of — Agric. Experiment Station, 1914, 896*; Ann. Report of Governor, 1913, 70*, 1914, 801*; Scientific survey of. N. L. Britton, 210 **Map:** Post route map of — showing post offices, etc., in operation on Oct. 1, 1914, 317*
Portsmouth Harbor: Map, 904*
PORTUGAL: Climate of. D. G. Dalgado, 804*; Climate of — and notes on its health resorts. D. G. Dalgado, *n.*, 787; Information of over-sea trade for 1913. W. L. Lowrie, 722*; Les portugais et l'astronomie nautique à l'époque des grandes découvertes. L. Gallois, 311* **Map:** Burling Island to Cape Espichel, including approaches to Tagus, 904*
Port Valdez District: Map, 395*
Poschmann, A., 901*
Potash: World's supply of, 982*
Pott, M., 148*
Poupon, A., 720*
Poutrin, L., 541; *see also* Gaillard, R.
Powell, E. A., 614
Powell, J. W., 973*
Power, C. A., (le P.), 318*, 615, 639*
Powers, S., 577
Praesent, H., 231*, 478*, 547*
Pratt, J. H., 306*
Pratt, W. E., 230*
Precipitation: Measurement of. Instructions on measurement and registration of precipitation by means of standard instruments of U. S. Weather Bureau. C. F. Marvin, 981*
Preller, C. S. Du Riche, 632*, 804*
Prenzel, W., 798*
Preston, J. R., 151*
Preuss, K. Th., 623
Preyer, Dr., 547*, 559*
Price, M. P., 472*
Priest, G. M., 715
Primitive Character: Study of. E. im Thurn, 723*
Prince, L. B., 798*
Prince Edward Island: Map showing number of chartered banks in, 902*
Prince of Wales I.: Map: Ulloa Channel to San Christoval Channel, *n.*, 156
Prince William Sound: Coastal glaciers of — and Kenai Peninsula. U. S. Grant, and D. F. Higgins, 305*; —: Gateway to the Interior of Alaska, 921; General, report descriptive of —, its resources, harbors, etc. G. T. Rude, 288*
Procksch, O., 547*

Property: Origin of — and the formation of village community. J. St. Lewiński, 149*
Prouty, H. H., 227*
Provenzal, G., 153*
Provo River: Stream piracy of the — and Weber Rivers. G. E. Anderson, 799*
PRUSSIA: Bericht über Tätigkeit Köngl. Preuss. Meteor. Instituts, 1914, 553*; Ein grentzstrittiges Gebiet. J. Wetzlar, 231*; Ostpreussen als Kriegsschauplatz. J. Partsch, 393*; Prussian Meteor. Institute, Report for 1915, 612; Wasserkräfte des Berg- und Hügellandes in Preussen und benachbarten Staatsgebieten. W. Halbfass, 632* **Maps**: Geol. Karte von Preussen und benachbarten Bundesstaaten, 80*; Karte der nutzbaren Lagerstätten Deutschlands. Preusen und benachbarte Bundesstaaten, 80*
Psychology of Speech: Eine Untersuchung der Entwicklungsgesetze von Sprache, Mythus und Sitte. W. Wundt, *rev.*, 621
Psychrometric Tables: — for obtaining vapor pressure, relative humidity, and temperature of dew-point from readings of wet and dry bulb thermometers. C. F. Marvin, 981*
Ptolemy: —'s Atlas: Study of the sources. G. Schütte, 232*
Pudor, H., 310*
Puget Sound: New Vancouver Journal on the discovery of. By a member of *Chatham's* crew. Edited by E. S. Meany, 625*
Pulbrook, E. C., 798*
Punta Arenas: Valore horarios de los elementos meteorológicos en —, 1911 y 1912, 308*
Purcell, M. G., 546
Purington, C. W., 899*
Purssell, U. G., 389*
Putnam, Frederick Ward, *obituary*, 965
Putnam, G. H.: *see* Putnam, G. P.
Putnam, G. P., 781*, —, and G. H., 718*, 781*
Putnam, R., 973*
Pygmies: Pygmäen und Buschmänner. F. von Luschan, 311*
Pyrenees: Morphologie des Pyrénées françaises. R. Blanchard, 73*; Travels in the —, including Andorra and the coast from Barcelona to Carcassone. V. C. Scott O'Connor, *rev.*, 66

Q

QUEBEC: Eastern — and Maritime Provinces, Eastern townships of — and E. part of Ontario. (Guide books for excursions of the 12th Intern. Geol. Congress, 1913), *rev.*, 701; General report of Minister of Public Works and Labour for year ending June 30, 1914, 471*; Minerais de fer: Gisements et utilisation. P. E. Dulieux, 800*; Prel. Report on clay and shale deposits. J. Keele, 719*; Prel. statement of mineral production, 1914, 389*; —: The Laurentian Province. B. Wilson, *rev.*, 378 **Maps**: Approaches to Saguenay R., St. Lawrence R., 809*; Cap Levrard to Ste. Emmélie, St. Lawrence, 727*; Map showing branches of chartered banks in — and Quebec, 902*; Part of Province of, 727*
Queens, Borough of: Maps: Final maps of the, 237*; Tentative map of, 9 sheets, 236*
QUEENSLAND: A-B-C of — Statistics, 1915, 899*; Cattle in, 51; Results of rainfall observations in —, 1914, 880; Results of rainfall observations in —, including all available annual rainfall totals from 1040 stations for all years of record up to 1913, 721*; Statistics of the State of —, 1913, 392*
Quekelberge, E. van, 74*
Quito: Climate of. J. von Hann, 958

R

Rabenort, W., 796
Rabot, C., 74*
Races: Standards of measurement for race development. H. W. Odum, 723*
Radaković, M., 74*
Radin, P., 629*
Radio-Activity: — and the Earth's thermal History. A. Holmes, 394*
Radlauer, C., 801*
Raeburn, H., 393*, 809*, 977
Raffi, A., 705
Railroads: Das Eisenbahnwesen. E. Biedermann, 548*
Rain: Direct effects of rainfall on hygrophilous vegetation. F. Schreve, 311*; Measurement of precipitation. C. F. Marvin, 981*; "Monsoon" rainfall. B. C. Wallis, 554*
Rainier, Mount: *see* Mount Rainier
Raleigh, Sir Walter. B. Marshall, 718*
Ramaer, J. W., 898*

Rambeau, A., 376; —, and Haumant, E., 137
Ramser, C. E.: *see* Jones, L. A.
Randall-MacIver, D.: Resignation of, 45
Range, P., 890, 897*; — über das Klima des Namalandes. J. von Hann, 801*
Rapson, E. J., 63
Rasmussen, K.: *see* Akerhjelm, E.; —'s next expedition to N. Greenland, 54
Rasor, F., 723*
Rã-txa hu-ní-ku-i: Lingua dos Caxinauás do Rio Ibuaçu affluente do Muru. J. C. de Abreu, 386*
Raunkiær, Barclay, *obituary*, 882
Rawling, C. G., 219, 230*; —, and Hargreaves, A. J. G., 79*
Rawnsley, W. F., 304*
Read, B. M., 290
Read, C., 154*
Readhimer, J. E.: *see* Hopkins, C. G.
Reche, O., 230*, 542
Reck, H., 551*
Record, Geographical: *see* Geographical Record
Redmond-Howard, L. G., 714
Red River: Hudson's Bay Company and the — trade. H. Listenfelt, 974*
Red Sea: The Name of Erythraen Sea. W. H. Schoff, 722*; Sondages exécutés par divers navires anglais, 633* Map: Bacino orientale del Mediterraneo, il Mar Rosso, ed il Golfo Persico, 240*
Reed, C. A., 781
Reed, C. B., 215
Reed, W. G., 1, 48, 982*
Reeves, E. A., 633*
Reger, D. B.: *see* Hennen, R. V.
Rehn, J. A. G., 626*
Reiche, K., 378
Reid, T. H.: *see* Wright, A.
Reid, W. A., 293, 307*, 474*
Reilly, S. A., 151*
Rein, R., 900*
Reinhard, R., 900*
Reinhardt, L., 69*
Reinhold, F.: *see* Becke, F.
Reinecke, L., 629*
Reissinger, A., 469*
Religion: Golden Bough: Balder the Beautiful. Fire-festivals of Europe, and the doctrine of external soul. J. G. Frazer, *rev.*, 301; Study in Magic and Religion. J. G. Frazer, Vol. 12. Bibliography and general index, 717*
Rendle, A. B.: *see* Fawcett, W.
Renfrew: County of. C. A. Scott, 553*
Renier, —, 66
Renqvist, H.: *see* Blomqvist, E.
Reptiles: Interpretation of the distribution of — in Maggie Basin. A. G. Ruthven, 948; Water reptiles of the past and present. S. W. Williston, 225*
Revelli, P., 148*
Reviews and Notices: *see* Book Reviews and Notices
Reyman, E. J., 469*
Reynier, E., 553
Reynolds, C. B., 67*
Reynolds, F. J., 400*
Reynolds, W. E.: *see* Abraham, J. J.
Reynolds, W. F., 883
Reynolds-Ball, E., 469*
Rhine Province: Entstehung des Mittelrheintales und der mittelrheinischen Gebirge: Geotekt. Skizze. L. van Werveke, 393*
Rhine Valley: Austiefung des Rheindurchbruchtals während der Eiszeit. C. Mordziol, *rev.*, 137; Morphologie der südlichen Rheinebene. G. Braun, 553*
Rhipaean Mts.: Rätselhafte Hochgebirge des Altertums, die sogenannten Rhipäen. W. J. Beckers, 723*
Rhode Island: Map showing railroads and railways of, 78*
Rhodes, Cecil: The man and his works. G. le Sueur, 150*
Rhodes I.: Map, 399*
RHODESIA: Ansiedelung von Europäern in den Tropen. M. S. Evans, Dr. Hardy, and Dr. Karstedt, 717*; Bevölkerung und Kolonisation Rhodesiens. H. Fehlinger, 391*; Guide to — for use of tourists and settlers. 626*; Itinéraires suivis par la Mission Rohan-Chabot dans l'Angola et la —, 1912-14. Capt. Grimaud, *n.*, 902; Notes on the natives of. H. W. Garbutt, 897*
Rhön Mts.: Eine morphologie des Gebirges. B. Dietrich, 626*
Ricchieri, G., 684*, 717*
Rice, H., 234
Rice: Rijstproductie en Rijsthandel. H. Blink, 74*
Rich, J. L., 306*
Richardson, R., 224*
Richmond, C., 148*
Riddell, G. X., 227*
Riedel, J., 314
Ries, H., 550*
Riesemann, O. v., 546*
Riga: Report for 1913 on trade of Consular District of, 554*
Riggs, A. S., 45

Rinaudo, C., 400*
Rio da Duvida: *see* Rio Theodoro
Rio Grande Basin: Water resources of the —, 1888-1913. R. Follansbee, and H. J. Dean, 718*
Rio de Janeiro: Anuario publicado pelo Observatorio Nacional do — anno de 1915, 719* Map, 78*
Rio de la Plata: Canalización del — á su desembocadura. J. Carlésimo, 70*; Channel improvements at the mouth of, 532 Map: Carte générale. M. Coffinières, 639*
Rio Negro: Etude phytogéographique de la region du — inférieur. L. Hauman-Merck, 303*
Rio Theodoro: —, Colonel Roosevelt's New River. J. P. Goode, 896*; Definite survey of the, 361; A proposito do Rio da Duvida. E. de Vasconcellos, 896*
Rivers, W. H. R., 149*
RIVERS: Meandering valleys and underfit rivers. W. M. Davis, 74*; Rivers and estuaries, or streams and tides. Elementary study. W. H. Hunter, 68*; River regulation and control in antiquity. W. Willcocks, 233*; Stream piracy of Provo and Weber rivers, Utah. G. E. Anderson, 799*
Rivetta, P. S., 720*
Riviera: Die Riviera. A. Voigt, 148*; Rambles about the. F. M. Gostling, *rev.*, 615
Rizzo, C., 73*
Roads: Making of highroads. A. E. Carey, 304*; The road: Past, Present and Future. J. H. A. MacDonald, 233*; Studies in Bibliography of Itineraries and road-books. H. G. Fordham, 718*
Robertson, J. A., 720*
Robitzsch, M., 74*
Rochester, Nev.: The — Mining District. F. C. Schrader, 306*
Rockhill, William Woodville, *obituary*, 131
ROCKS: Igneous — and their origin. R. A. Daly, *rev.*, 618; Pre-Cambrian correlation from Lake Superior standpoint. C. K. Leith, 225*; Pre-Cambrian sedimentary rocks in the highlands of New Jersey. W. S. Bayley, 225*; Strange rock formations—Natural bridges. J. C. Gilson. (Series: Redway's geogr. readers), *rev.*, 146; Structural relations of Pre-Cambrian and Palaeozoic rocks north of Ottawa and St. Lawrence Valleys. E. M. Kindle, and L. D. Burling, 800*
ROCKY MOUNTAINS: Canada: Among the Canadian Alps. L. J. Burpee, *rev.*, 377; Canadian Rockies to date. C. E. Fay, 70*; The first ascent of Mt. Robson, the highest peak of the Rockies. C. Kain, 800*; Mt. Kitchi: New peak in Canadian Rockies. M. L. Jobe, 481; Miss Jobe returning to Mt. Kitchi, 445 **United States:** Early Pleistocene glaciation in the — of Glacier National Park. W. C. Alden, 150*; Origin and development of the — in the United States. E. Blackwelder, 115*; The Rocky Mountain Wonderland. E. A. Mills, *n.*, 883; Utilization and management of lodgepole pine in the. D. T. Mason, 800*
Rodenwaldt, E., 977*
Rodriguez, F., 720*
Rohan-Chabot, P. de, 902
Rohrbach, P., 71*
Rolfe, D., 975*
Rollet de l'Isle: *see* Isle, Rollet de l'
Roloff, G., 149*
Roman Empire: Greater Rome and Greater Britain. C. P. Lucas, *rev.*, 132 Maps: Johnston's series of maps of ancient geography. I. Orbis Romanus, 2: to illustrate Cæsar de Bello Gallico, 560*
Romblon I.: Map, 559*
Rome: Practical guide to — and environs. E. Reynolds-Ball, 469*; Rome of pilgrims and martyrs. Study in martyrologies, itineraries, syllogæ, etc. E. R. Barker, *rev.*, 299 Map: Roma, Carta internationale, 1:1,000,000, 904*
Romer, E., 962
Rommel, D., 457
Rondet-Saint, M., 224*
Rondon [C. M. da Silva]: Completion of —'s explorations in Matto Grosso, 693
Roorbach, G. B., 73*
Roosevelt-Rondon Exp.: Definite survey of the Rio Theodoro, 361
Roosevelt, T., 216, 307*, 317*, 636; —, and Heller, E., 190; Roosevelt-Rondon Exp., 361, 693
Roosevelt Dam: Environs of Phoenix, and the. A. Vacher, 685*
Rosadi, G., 227*
Rosario, Arg.: Development of, 958
Rose, H. R., 875
Rosier, W.: Geografia nell' insegnamento. Oncora la definizione del Rosier. Concetto scientifico, etc. G. Jaja, 155*
Ross, J., and Erichsen, N., 68*

Ross, W., 979*
Rossiter, W. S., 885
Rota I.: Die deutsche Insel Rota. H. Seidel, 309* Map, 319*
Rotch, Abbott Lawrence: Memoir of. R. DeC. Ward, 155*
Rothaug, J. G., 400*
Rouen: Etude d'une agglomération urbaine. J. Levainville, *rev.*, 714; Report for 1913 on trade, commerce and industries of, 632*
Rowland, G. M., 894*
Royal Geographical Society: Address at the Anniversary General Meeting, May 17, 1915. D. W. Freshfield, 805*; Year-Book and Record, 1914, 393*
Royal Scottish Geogr. Soc.: J. S. Keltie receives the Gold Medal of the, 965; Livingstone Gold Medal awarded to Lord Kitchener, 965
Ruanda: Durch —. P. Donders, 472*
Rubber: —. (Common commodities of commerce). H. P. Stevens, and C. Beadle, 69*; Rubber and its manufactures, 311*
Rude, G. T., 288*
Rudnyćkyj, S., 392*
Rudolphi, H., 231*, 900*
Rudzki, M. P., 554*
Ruggeri, V. G., 308*
Rühl, A., 154*, 631*, 685*; *see also* Hanns, W.
Ruhr: Ats Deutschlands Kriegswerkstätten: Das Ruhrgebiet. E. Lührmann, 900*; Essen et le bassin métallurgique de la. V. Cambon, 721*
Ruiters, Dierick: Toortse der Zee-Vaert door — (1623). Samuels Brun's Schiffarten (1624). Uitgegeven door S. P. l'Honore Naber, 149*
RUMANIA: —, Bulgaria, Servia and Montenegro. W. Miller, *rev.*, 299; —, Suppl. to Commerce Reports, 1915, 980*; Südrumänen der Türkei und der angrenzenden Länder. V. Lazar, *rev.*, 66; Wirtschaftsverhältnisse in Rumänien, 393* **Maps:** Die Moldau. 1. Orographische skizze; 2. Bevölkerungsdichte nach natürlichen Gebieten Berechnet, 320*; Rumänische Volksboden und staatliche Entwicklung des Rumänentums. P. Langhans, *n.*, 983
Runner, J. J., 628*
Rüsewald, K., 466
Russell, W. S. C., 790
RUSSIA: Changing Russia. S. Graham, *rev.*, 136; Les Cosaques. V. Forbin, 474*; Notes on forestry in, 231*; Die Schwarzerde (Tschernozem). P. Kossowitsch, *n.*, 788; Modern Russia. G. Alexinsky. Transl. by B. Miall, *rev.*, 136, 627*; Russia and India. J. Pollen, 980*; With Russian pilgrims to Jerusalem. S. Graham, *rev.*, 705; Young Russia: The land of unlimited possibilities. G. H. Grosvenor, 153*; Seeweg zur Petschora-Mündung und der Stschugorsche Wólok über den nördlichen Ural. A. Sibiriakoff, 73*; Über Sibirien nach Ostasien. St. Petersburg und Moskau, Tscheljabinsk, Mandschuria, Wladiwostok und Dairen. O. Goebel, *rev.*, 64; The White Sea route, 367 **Commerce:** Consular Reports on trade of various consular districts, 1913, 554*, 632*; Russia. Suppl. to Commerce Reports, 1915. J. H. Snodgrass, *n.*, 980; Russisch-Amerikanische Handels-Kompanie bis 1825. H. Pilder, 547* **History and Geography:** Economic History of Russia. J. Mavor, 73*; Geographic factors in Russian history. W. E. Lingelbach, 116*; Geography in Russian history. W. E. Lingelbach, 231*; Histoire de la Russie depuis les origines jusqûà nos jours. A. Rambaud. Revue et complétée par E. Haumant, *rev.*, 137 **War:** Russia and the world. Study of the war and a statement of problems that now confront Russia and Great Britain. S. Graham, *rev.*, 788; Russian problem. P. Vinogradoff, *rev.*, 969 **MAPS:** Generalkarte von West-Russland und den angrenzenden Ländern bis Wien und Budapest mit besonderer Berücksichtigung der Eisenbahnen und mit Angabe der Stationen. G. Freytag, and K. Peucker, 239*; Sprachenkarte von Russisch-Polen nach der ersten Russischen Volkszählung von 1897, *n.*, 477; Stanford's Railway map of European Russia, 560*; Sydow-Habenicht: Methodischer Wand-Atlas No. 16: Russland. Oro-hydrogr. Schul-Wandkarte nach E. v. Sydows Plan. H. Habenicht, 984*
RUSSIAN EMPIRE: Czar's Greater Domain. J. C. Gilson. (Series: Redway's Geogr. Readers), *rev.*, 146; New hypsometric map of the. C. Abbe, Jr., 980*; Über Sibirien nach Ostasien. St. Petersburg, und Moskau, Tscheljabinsk, Mandschu-

Russian Empire—*Cont'd.*
ria, Wladiswostok und Dairen. O. Goebel, *rev.*, 64 **Map:** Carte hypsométrique de l'Empire Russe. Essai de représentation du relief de l'empire. J. de Schokalsky, 560*
Ruthven, A. G., 948
Ruxton, G. F., 885
Ryan, H. J.: *see* Hoyt, W. G.
Rykachev, M. M., Jr., 154*

S

Saas-Fee: Nach —, Zermatt, Gornergrat. H. Behrmann, 68*
Sabatini, V., 979*
Sacco, F., 803*
Sacramento Valley: Ground water for irrigation in the. K. Bryan, 549*
Saderra Masó, M., and Smith, W. D., 230*
Saguenay R.: Map: Approaches to, 809*
SAHARA: Description du Borkou méridional. J. Ferrandi, 308*; Occupation du Borkou et de l'Enedi. G. Ferrandi, 472*; Nos marches sahariennes. M. Montbel, 71*; L'Igidi. R. Chudeau, 630*; Italian occupation of Ghat, 127; Occupazione di Ghat. G. Piazza, 308*; Les poissons du Sahara algérien. Cauvet, 391*; Rectifications et compléments à la carte géologique du Sahara central. R. Chudeau, 308*; Sahara. J. C. Gilson (Series: Redway's geogr. readers), *rev.*, 146; Die Senussi. C. H. Becker, 390*; A woman in the Sahara. H. C. Gordon, *n.*, 703
Saigon: Pagode de Dakao (Ngoc-Hoàng). A. E. Lelièvre, and C. A. Clouqueur, 630*; Report for 1913 on trade of, 632*
Sainte Croix: *see* Santa Cruz
St. Johns, A., 966
ST. LAWRENCE R.: The — and its part in making of Canada. R. H. Whitbeck, 115*, 584; — basin, 550*; — basin (Stream-gaging stations and publications relating to water resources, 1885-1913.) Compiled by B. D. Wood, 227* **Map:** Approaches to Saguenay River, St. Lawrence River, 809*
ST. LAWRENCE VALLEY: Structural relations of Pre-Cambrian and Paleozoic rocks north of the Ottawa and — Valleys. E. M. Kindle, and L. D. Burling, 800*
St. Louis: Geography in the — elementary schools. W. J. Stevens, 895*; History of Science in. M. J. Klem, 306*
St.-Martin, V., and Schrader, F., 319*
St. Thomas, W. I.: Map, 639*
St. Vincent: Present condition of active volcanoes of —, Martinique and Guadeloupe. E. O. Hovey, 692
Sakura-jima: Eruptions and earthquakes of. I. F. Omori, 72*; Eruption of —, 1914. F. Omori, 720*; Rapporto prel. per l'Istituto vulcanologico sulla grande eruzione del Sakurashima, Gennaio-Aprile, 1914. F. A. Perret, 552*
Salamanca: Map, 400*
Salesses, E., 902*
Salève, Haute-Savoie: Map. E. Joukowsky, and J. Favre, 240*
Salisbury, R. D., 213*
Salkeld, R. E., 801*
Salonica: Report for 1913 on trade of the Consular District of, 979*
Salta Province: Map, 317*
Salter, C.: *see* Mill, H. R.; and Mossman, R. C.
Salton Sea: The —. D. T. MacDougal, 388*; The —: Study of geography, geology, floristics, and ecology of a desert basin. D. T. MacDougal, and collaborators, *rev.*, 885
Salzkammergut, Map: G. Freytags Skirouten-Karte, 238*
Sam, G., 308*
SAMOA: Report for 1913 on trade of, 979*; Samoa. Suppl. to Commerce Reports. M. Mitchell, *n.*, 978 **Map:** Post route map of —, Hawaii and Guam, showing post offices, etc., in operation Oct. 1, 1914, 319*
German Samoa: Die Deutschen Kolonien. Samoa, usw. A. D. K. Schwabe, *rev.*, 223
Samoyeds: Return of an anthropological expedition from Siberia, 960
Sampson, R. A., 388*
Sanarelli, G., 717*
San Carlos de Ancud: Ondas hertzianas registrados en —, 1913. Con una discusión prel. W. Knoche, 308*
San Blas Indians: — losing their isolation. J. G. Steese, 773
Sand Dunes: Destruction of forests by (Sand Dunes of Coos Bay, Ore. H. D. House), 49, 69*; Dünen und Wald in den Savannen von Santa Cruz. T. Herzog, 152*; Granatsand-Dünen auf Ceylon. K. Keilhack, 898*

Sanders, E. M., 803*
Sandström, J. W., 723*
SAN FRANCISCO: Geological excursions from, 448; Panama-Pacific International Exposition, 471*; Precise levelling from Brigham, Utah, to, W. Bowie, *rev.*, 291; San Francisco. A. Rühl, 685* **Map:** San Francisco and vicinity, *n.*, 634
SAN FRANCISCO BAY: By-ways around. W. E. Hutchinson, *n.*, 698; Gewässer der Bucht von San Francisco. G. Schott, 549*
San Juan Mts.: W. W. Atwood to continue systematic survey of, 372
San Luis, Arg.: Constitución geológica, hidrogeología y minerales de aplicación de la provincia. E. Gerth, *n.*, 976
San Marino: Two quaint republics: —, and Andorra. V. W. Johnson, *n.*, 787
Sanpo R.: Identity of the — and Dihang Rivers. S. G. Burrard, 259
San Sebastian: Map, 80*
Santa Cruz, Bol.: Dünen und Wald in den Savannen von. T. Herzog, 152*
Santa Cruz, W. I.: Annuaire météor., 1912; St. Croix, Iles Féroé, etc., 154*
Santa Cruz Mts., Cal.: Earthquake in —, Nov. 8, 1914. C. H. Beal, 305*
Santa Cruz de Tenerife: Map, 399*
Santa Maura I.: Map, 479*
Santander: Memoria sobre una meridiana geografica trazada en. R. Aguirre, 980*
Santarem, 2° Visconde de: Inéditos (Miscellanea). Colligidos, coordenados e annotados por J. de Freitas, Trazidos á publicadede pelo 3° Visconde de Santarem, 548*
Santarem, 3° Visconde de, 548*
Santa Rita Mts., Ariz.: Mineral Deposits of the — and Patagonia Mts. F. C. Schrader, 628*
Santiago, Chile: Medidas de agua caída en 1912: Sumas compensadas del agua caída anual de —, etc. W. Knoche, 307*; Temperaturas del suelo en —, 1913, 308*; Valore horarios de los elementos, meteorológicos en —, 1912, 308*
Santiago de Compostela: Story of. C. G. Hartley (Mrs. W. M. Gallichan), 68*
Santo Domingo: Dominican Republic. J. M. Herrero, 896*; San Domingo of To-day. A. H. Verrill, *rev.*, 292 Map: Carte politique de St. Domingue. M. M. Leyritz, 639*
Santo Stefano, L. Oreglia di, 973*
São Paulo, City: Map, 78*
São Paulo, State, Map: Mappa da viação ferrea de São Paulo e partes dos estados vizinhos. R. Heyse, 78*
São Vicente: Visit to San Vicente in 1890. M. Jefferson, 390*
Sapper, K., 392*, 475*
Saracen: The primal home of the. J. C. Gilson (Series: Redway's geogr. readers), *rev.*, 146
Sardinia: Densità e distribuzione altimetrica della popolazione in Sardegna. G. Anfossi, 803*; Volumetria della. G. Anfossi, 803*
Sargasso Sea: Vegetation of the. W. G. Farlow, 310*
Sargent, A. J., 150*
SASKATCHEWAN: Coal fields of —, etc. D. B. Dowling, 389*; History of — and the old northwest. N. F. Black, *rev.*, 56 **Maps:** Cereal map of — showing acreage under crop in each township in wheat, etc., 158*; Disposition of lands, 809*; Grain elevators, 315*; Explored routes in lower parts of drainage area of Churchill and Nelson Rivers, 478*; Geological map of, 638*; Map showing branches of chartered banks in, 902*; Map showing gauging stations, 316*; Index to townships in —, etc., showing township for which official and prel. plans have been issued up to Jan. 1, 1915, 902*; Map showing number of quarter-sections available for homestead entry in each township, also pre-emption and purchased homestead area, etc., as defined by the Dominion Lands Act, 1908, 316*, 902*; Wood Mt. Coal Area, 809*
Sauder, P. M., Whyte, G. H., and Elliott, G. R., 307*
Sauer, C. O., 342; *see also* Jones, W. D.
Saussure, H. B. de: —'s geographical work. A. Michieli, 128
Savannah R.: Flood forecasting on the, 976*
Savoie: La neige et les glaciers en —, 1912. P. Girardin, 803*; La Savoja. L. Giannitrapani, 553*
Sawicki, L. von, 554*
Saxony, Province: Entstehung der Ackerböden erläutert an geol.-agron. Verhältnissen in Sachsen, usw. D. Lienau, 547*
SCANDINAVIA: Lande og Folk. Skildringer og Livsbilleder fra de Skandinaviske Lande. (Lys over

Scandinavia—*Cont'd.*
Land.) Edited by E. Akerhjelm, G. Andersson, T. Thoroddsen, K. Rasmussen, and others, *rev.*, 383; Scandinavian Indicator-Boulders in Quaternary Deposits. Extension and distribution. V. Milthers, 387*
Schad, H., 394*
Schaffner, J. H., 303*
Schelte, H., 309*
Schelzer, W. H., 549*
Schiller, J., 723*
Schiltberger, Hans: —'s Itinerar. (Map.) J. Bergbauer, *n.*, 478
Schlaginhaufen, O., 72*
Schleifer, R., 229*, 477
Schleswig-Holstein: *see also* Holstein: Hydrographische Veränderungen in. J. Breckwoldt, 803*
Schlick, W. J.: *see* Jones, L. A.; and McCrory, S. H.
Schlikker, B., 472*
Schmidt, M. G., 555*, 793
Schmidt, W., 394*, 634*; —: establishes new value for oceanic evaporation. W. Halbfass, 695
Schmitthener, H., 308*, 469*, 982*
Schoewe, W. H., 976*
Schoff, W. H., 321, 445*, 498, 549*, 552*, 593, 628*, 629*, 722*
Schokalsky, J. de, 726
Schopoff, A., 798*
Schott, G., 394*, 549*; —, Schulz, B., and Perlewitz, P., 633*
Schott, K., 393*
Schrabisch, M., 628*
Schrader, F.: *see* St.-Martin, V.
Schrader, F. C., 306*, 628*, 638*
Schröder-Stranz Expedition: Expeditionen zur Rettung von Schröder-Stranz und seinen Begleitern. Geschildert von A. Staxrud, und K. Wegener, 547*
Schröter, C., 634*
Schuchert, C., 150*, 981*; *see also* Huntington, E.
Schück, A., 465
Schülke, A.: *see* Foerster, W.
Schuller, R., 720*
Schultz, A. von, 303*
Schultze, A., and Benton, P. A., 295
Schultze, E., 549, 898*
Schultze, L., 542
Schulz, B.: *see* Schott, G.
Schulze, G., Pontoppidan, H., and Haniel, C. A., 728*
Schumacher, —, 551*
Schurman, J. G., 789
Schütte, G., 232*
Schwabe, A. D. K., 223
Schwabe, K., Kuhn, P., and Fock, G., 218
Schwally, F., 626*
Schwarz, P., 153*
Schwarzwald: *see* Black Forest
Schwerin, Lake: Fischerei auf den Schweriner Amtsseen in ihrer geschichtlichen Entwickelung. F. Zastrow, 309*
Schwöbel, V., 473*
Science: Elements of General Science. O. W. Caldwell, and W. L. Eikenberry, *n.*, 795; Who's Who in Science, International, 150*
Scilly Is.: Casiterides y el comercio del Estaño en la Antigüedad. A. Blázquez y Delgado-Aguilera, 979*
Scofield, C. S., 364*
SCOTLAND: Age of Loch Long, and its relation to the valley system of southern. J. W. Gregory, 979*; Leuchtfeuerverzeichnis, 1915. Part 4: Englischer Kanal, W.-Küste von Schottland, usw., 473; Lowland Scotch as spoken in the Lower Strathearn District. J. Wilson, 973* **Maps**: Bacon's Excelsior map of, 238*; Geol. Survey of Scotland, 479*; Orographical map of. J. G. Bartholomew, 318*
Scott, C. A., 553*
Scott, R. F.: Voyages of. Retold from "Voyage of the *Discovery*" and "Scott's Last Expedition." C. Turley, 974*
Scudder, M. T., 151*
Scull, E. M., 139
Scully, W. C., 61, 892*
Scythians: Die Skythen und ihre Nachbarvölker. H. Treidler, 232*
SEA: *see also* Ocean: Das Meer: Seine Erforschung und sein Leben. O. Janson, 387*; Shelf-seas of the Paleozoic and their relations to diastrophism and time divisions. T. C. Chamberlin, 154*; Submarine slopes. J. S. Gardiner, 475*; Changes of relative levels of land and sea, 475*
Sea Power: Navy and. D. Hannay, 470*
Seals: Einiges über Robben und ihre Anpassungen an den Wasseraufenthalt. A. Sokolowsky, 634*
Seattle: Kroll's standard map of, 1914, 398*, 1915, 810*
Sechuan, Map: Reiseweg des deutschen Konsuls Weiss durch den Süden von Ssuchuan (Cheng-tu-Chien-chang.) *n.*, 75
Sedlmayr, E. C., 73*
Seefeldner, E., 73*
Seidel, H., 230*, 309*

SEISMOLOGY: *see also* Earthquakes: Condizioni sismiche della regione marsicana. M. Baratta, 722*; Ergebnisse der Beobachtung der mikroseismischen Bewegungen an den europäischen Stationen, Winter 1912/13. O. Hecker, 553*; Seismic activity in the Atlantic Coastal Plain near Charleston. S. Taber, 70*; Seismic prelude to the 1914 eruption of Mauna Loa. H. O. Wood, 473*; Remarks on Seismographical observations at Yunotaira in 1811 and 1912. F. Omori, 152*; The Seismograph (Bosch photographic, 200 grammes) and magnetic observations. O. Klotz, 74*; Seismological work in the U. S. Weather Bureau, 691; Seismology, terrestrial magnetism and gravity. Report of Chief Astronomer, 1911 (Canada). O. Klotz, 550*; Über die Theorie der Erdbebenwellen. M. P. Rudzki, 554*; Undagraph. [A new seismographic instrument.] O. Klotz, 74*
Seistan: Memoir of history, topography, ruins, and people of the country. G. D. Tate. Part 4: People of Seistan, *rev.*, 458
Seligman, C. G., 977
Seligman, E. R. A.: *see* Giddings, F. H.
Selkirk: Peebles and. G. C. Pringle (Cambridge County Geographies), 386*
Selkirk Mts.: Mount Tupper. W. Koehler, 70*; Pioneering in southern Selkirks. M. R. Parsons, 471*
Sellards, E. H., 306*, 975*; —, Harper, R. M., and others, 975*
Semple, E. C., 116*, 699
Senegal: Un français au —: Abel Jeandet. B. H. Gausseron, 626*; Kayes. Tellier, 390*; Notice sur les archives du Sénégal. C. Faure, 801*
Sensini, P.: Di tre recenti lutti della didattica geografica: G. Gambino—L. Marson—P. Sensini. L. F. de Magistris, 805*
Senussi: Die —. C. H. Becker, 390*
Sepik: *see* Kaiserin Augusta R.
SERANG: Reisebeobachtungen von Insel Seran. O. D. Tauern, 72* **Maps:** Karte von Mittel-Seran unter Benutzung der Aufnahmen von K. Deninger, und E. Stresemann. O. D. Tauern, *n.*, 397; Übersichtskarte von Seran. K. Deninger, and O. E. Tauern, *n.*, 75
SERBIA: The Balkans: Rumania, Servia, etc. W. Miller, *rev.*, 299; Kingdom of Serbia: Her people and her history. D. H. Low, 721*; Kingdom of. W. J. Showalter, 474*; Landwirtschaft in Serbien. M. L. Stanojević, 225*; Serbien und der serbische Kriegsschauplatz. N. Krebs, 310*; Servia and the Servians. C. Mijatovich, *rev.*, 789 **Maps:** Grenzgebiete österr.-Ungarns und Serbiens, 399*; Serbisch-österr.-ungarische Grenzländer. K. Peucker, 159*
Sering, M., 900*
Serra, Junípero: The man and his work. A. H. Fitch, 388*
Serret, F., 888
Servia: *see* Serbia
Severn-Avon Plain: The Upper Thames country and. (Oxford Geographies.) N. E. MacMunn, 626*
Seward, the terminus of Alaska's new railroad, 931
Seyfert, C., 394*
Shackleton, E., 383; —'s Antarctic expedition, 52, 129, 286; Scientific results of —'s first expedition, 52
Shaler, M. K.: *see* Ball, S. H.
Shanghai: Report for 1914 on trade of, 978*
Shannon, C. W., 306*
Shari: Oubangui-Chari-Tchad en 1913. R. Legrand, 472*
Shasi: Report for 1914 on trade of, 978*
Shaw, E. W., 807
Shawkey, M. P., 151*
Shan States: Geology of Northern. T. H. D. La Touche, 391*
Shearmur, E. R.: *see* Franklin, T.
Shedd, S., 895*
Shelford, V. E., 154*
Shelf-Seas: The — of the Paleozoic and their relations to diastrophism and time divisions. T. C. Chamberlin, 154*
Shên-kan: Through —: Account of Clark Exp. in N. China, 1908-9. R. S. Clark, and A. de C. Sowerby, *rev.*, 62
Shepherd, E. S.: *see* Day, A. L.
Shepherd, W. R., 80*, 140
Sheppard, R. B., 380
Sherfesee, W. F., 899*
Sherman, A. R., 473*
Shipping: The Times Shipping Number, 1912, 225*
Showalter, W. J., 474*
Shreve, F., 311*, 546*

SIAM: Indien, Ceylon, Birma, Siam, usw. Handbuch für Reisende. K. Baedeker, *rev.*, 457; In the lands of the sun. H. R. H. Prince William of Sweden, *n.*, 891; Nel Siam. M. Piscicelli, 802* **Maps:** Map of Muang Sritamarat, 79*; Map of Muangs Patalung & Sawngkla, Province of Nakawn Sritamarat, 79*; Map showing boundary line between Siam and the Malay States under British protection as surveyed, agreed to and beaconed by Joint Commission under Treaty of 1909, 903*
SIBERIA: Return of anthropological expedition from, 960; Über den Seeweg zu den Mündungen der Kolyma und der Lena durch die Behringstrasse. A. Sibiriakoff, 72*; Über Sibirien nach Ostasien. O. Goebel, *rev.*, 64; Through — the land of the future. F. Nansen, *rev.*, 707; Some topographic features of. C. W. Purington, 899*; Capt. Sverdrup on the Asian Arctic Coast, 287; Wirtschaftliche und kommerzielle Verhältnisse Sibiriens, 230* **Maps:** Arbeiten der hydrogr. Expedition in das nördliche Eismeer im Jahre 1913 unter Kapt. Wilkizki, *n.*, 314; Sketch map of Siberian-Mongol frontier showing racial distribution on Russo-Chinese borderlands. D. Carruthers, *n.*, 556
Sibiriakoff, A., 72*, 73*
Sibuyan I.: Map, 559*
Sicily: Sketches of Naples and — in the 18th century. F. Gregorovius, *n.*, 383 Map: Carta geologica della Sicilia, 239*
Siebenthal, C. E., 227*
Sieberg, A., 225*
Sieger, R., 474*, 968
Sierra Nevada: Area of heaviest snowfall in the United States. A. H. Palmer, 956; Section across —, with comparison of block structure in central Asia. F. Machatschek, 685*; Studies in the Sierra. J. Muir, 471*
Sievers, W., 455, 479*, 724
Silesia: Ost-Schlesien. J. Kotas, and J. Londzin, 224*
Silk: —. (Common commodities of commerce.) L. Hooper, 69*; Silk industry and trade. J. J. Macfarlane, 634*
Simoens da Silva, A. C., 892*, 896*
Simpich, F., 230*
Simpson, H. E., 151*
Sinai: Au — et dans l'Arabie Pétrée. L. Cart, 633*
Singelmann, —, 977*
Singer, Hermann, *obituary*, 882
Sirks, M. J., 978*
Skien Canal: Norsjø-Skienkanalen. En oversigt over kanalens anlægs- og driftshistorie til 1911. 304*
Skinner, A., 538
Slater, G., 133
Sledge motors: Traineau-remorqueur automobile. J. Boyer, 555*
Sleeping Sickness: Maladie du sommeil. H. P. Jourdy, 154*
Sloane, W. M., 788
Slopes, Submarine. J. S. Gardiner, 475*
Small, J. K., 699
Smend, —, 224*
Smith, E. C. B., 801*
Smith, H. B., 381
Smith, J. R., 634*, 813
Smith, J. W., 800*; —, and Patton, C. A., 549*
Smith, M. S. C., 221
Smith, R. A., 471*
Smith, W. B., 967
Smith, W. D., 463; *see also* Saderra Masó, M., and Johnson, D. W.
SMITHSONIAN INSTITUTION: Explorations and field-work of — in 1914, 719*; Report on progress and condition of U. S. National Museum for year ending June 30, 1914, 307*; Smithsonian physical tables, 1914. F. E. Fowle, 155*
Smoke: Meteorological aspect of — problem. H. H. Kimball, 981*
Snake R.: Profile surveys in — basin, Idaho. R. B. Marsnall, 227*
Snelleman, J. F.: *see* Benjamins, H. D.
Snider, L. C.: *see* Briles, C. W.
Snodgrass, J. H., 980*
Snouck Hurgronje, C., 893*, 972
SNOW: Entstehung des Büsserschnees. C. Kassner, 475*; Nieve penitente and allied formations in Himalaya, or surface-forms of névé and ice created or modelled by melting. W. H. Workman, 229*
Sobral, J. G., 717*
Social Organization: Kinship and. W. H. R. Rivers, 149*
SOILS: *see also* Agriculture: Bodenbenutzungsform und Volksdichte. H. Bernhard, 311*; Recent advances in agricultural science—Fertility of the soil. A. D. Hall, 233*; Utilization of poor soils (Trent Watershed Survey). C. D. Howe,

and J. H. White, 209; Vergleichende Betrachtung über Bodenertragsintensität in verschiedenen Ländern. H. Bernhard, 233*
Sokolowsky, A., 634*
Solar system: Hörbigers Glacial-Kosmogonie. Neue Entwickelungsgeschichte des Weltalls und des Sonnensystems. P. Fauth, 305*
Solem, M., 233
Soley, J. C., 240*, 728*
SOLOMON ISLANDS: Beitrag zur Ethnologie von Bougainville und Buka mit spezieller Berücksichtigung der Nasioi. E. Frizzi, 392*; Solomon Islands: Future of the, 610; Ways of the South Sea savage. Record of travel amongst savages of —, etc. R. W. Williamson, *rev.*, 298
Somali, The: Anthropometrische Studien an Somali. C. Radlauer, 801*
SOMALILAND, FRENCH: Gibuti e il suo hinterland. L. Cufino, 308*
SOMALILAND, ITALIAN: Colonie Italiane. Elenco alfabetico della località abitate nella Somalia, Libia, etc. C. Triverio, 974*; Missione per la frontiera Italo-Etiopica, 8 sheets, 159*; Problemi geografici della Somalia meridionale e la nuove carte dell'Istituto Geogr. Militare. G. Stefanini, 152*; Somalia italiana. L. Oreglia di Santo Stefano, 973*; Somalia nostra. G. de Martino, 224* **Maps:** Carta della Somalia Italiana, 9 sheets, 399*; Somalia Italiana, 317*; Somalia Italiana, pozzi esistenti nel territorio Galgial, 159*
Somerset County: The heart of Mendip. History, archæology, natural history, etc. F. A. Knight, 893*
Soper, E. K., 800*; *see also* Grout, F. F.
Soria: Map, 239*
Sorinj, D. T. E. V., 898*
Sousa e Vasconcelos, J. de, 801*
South Carolina: Earthquakes in — during 1914. S. Taber, 719*; Soil survey of Union county. C. Lounsbury, W. E. McLendon, and J. A. Kerr, 549*
SOUTH DAKOTA: Impressions of Badlands. J. J. Runner, 628*; South Dakota (Dodge's Geography). E. C. Perischo, and S. S. Visher, 151*; South Dakota (Frye's Geography). W. E. Johnson, 151*; Temperature and spring wheat in the Dakotas. T. A. Blair, 548* **Maps:** Map of, 316*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 316*; Spearfish Quad., *n.*, 806; Sturgis Quad., *n.*, 806
South Georgia: Penguins of: "Jonnies" and "Kings" on a desolate subantarctic island. R. C. Murphy, 722*
Southall A. E., 468*
Southern Ocean: The, 451
South Pole: *see under* Poles, Earth
SOUTH SEA ISLANDS: Cruise of "Janet Nichol" among the. Diary by Mrs. R. L. Stevenson, *rev.*, 713; Ergebenisse der Südsee Expedition, 1908-10. Vol. 1: Kaiserin-Augusta-Fluss. O. Reche, *rev.*, 542; Ways of South Sea savage. Record of travel and observation amongst savages of Solomon islands and primitive coast and mountain peoples of New Guinea. R. W. Williamson, *rev.*, 298
Sowerby, A. de C.: *see* Clark, R. S.
SPAIN: Irrigation in. F. De La Rosa, 474*; Péninsule Ibérique. A.-Espagne. R. Douvillé (Handbuch der regionalen Geologie), *rev.*, 463; Recherches pluviométriques sur la côte orientale d'Espagne. M. Moye, 980*; Report for 1913 on industries and commerce of Spain, 632*; Spain. C. B. Hurst, 900* **Maps:** City maps, 239*, 320*, 400*, 560*, 728*, 904; Maps of provinces, 80*, 560*, 728*, 904; Mapa Militar de España, six sheets, 812*; Mapa militar itinerario de España, 239*; U. S. Hydrographic Office Charts of Coast, 400*, 479*, 559*, 560*
Spalding, W. A., 554*
Speck, F. G., 976*
Speech: Völkerpsychologie. Untersuchung der Entwicklungsgesetze von Sprache. Mythus und Sitte. W. Wundt, *rev.*, 621
Speerschneider, C. I. H., 474*
Spencer, B., 297
Spens, A. B., 296
Spethmann, H., 627*; *see also* Hanns, W.
Spier, L., 628*
SPITZBERGEN: Eis in und um. M. Robitzsch, 74*; Eisverhältnisse in Nordwest —, 1912-13. K. Wegener, 232*; Expeditionen zur Rettung von Schröder-Stranz und seinen Begleitern. Geschildert von A. Staxrud, und K. Wegener, 547*; Green Harbour. G. Isachsen, 232*;

Spitzbergen—*Cont'd.*
Kreideformation und ihre Fossilien auf. E. Stolley, 154*; Observations météorologiques faites au Spitsberg par l'Expédition Isachsen 1909-10 et systématisées par A. Graarud, 722*; On old red sandstone series of northwestern —. O. Holtedahl, 232*; Das Nordland. C. Lausberg, *rev.*, 139; Spitsbergen in 1914. R. N. R. Brown, 804*; W. S. Bruce in, 535 **Map**: Spitsbergen. G. Isachsen, *n.*, 725
Springs: Lehrbuch der Grundwasser- und Quellenkunde. K. Keilhack, 68*
Stacey, W. F., 393*, 534
Staffordshire. W. B. Smith, *n.*, 967
Stahl, A. F., 463
Stahl, R., 153*
Standley, P. S.: *see* Wooton, E. O.
Stanford Univ. Exp. to Brazil: Papers of the —, 1911. J. C. Branner, *rev.*, 887
Stange, P., 625*, 783
Stanojević, M. L., 225*
State Geogr. Soc.: — of New Mexico, 954
STATISTICS: A. Hartleben's kleines statistisches Taschenbuch über alle Ländern der Erde. F. Umlauft, 548*; A. Hartleben's statistische Tabellen über alle Staaten der Erde. Ausammenstellung von Regierungsform, Thronfolger, Flächeninhalt, etc. nach neuesten Angaben für jeden Staat, 548*
Staxrud, A., and Wegener, K.: Their expeditions to the relief of Schröder-Stranz Exp., 547*
Stebinger, E., 227*
Steed, H. W., 717*
Steen, A. S., 961
Steenstrup, Papetus: —'s rejser og undersøgelser paa Island i aarene 1839-1840. T. Thoroddsen, 632*
Steese, J. G., 773
Stefanini, G., 152*
Stefánsson, S., 304*
Stefansson, V., 139, 310*, 474*, 688; Canadian government sends three steamers in search of, 535; — finds new land, 766; With — in the Arctic. Brief history of —'s movements from Sept. 20, 1913, when he left the "Karluk" on a hunting trip inland, until April 7, 1914, when he was last seen on drifting ice over 180 fathoms of sea at the edge of continental shelf. B. M. McConnell, 474*
Steffen, H., 228*
Stegmann, O., 225*
Steidtmann, E.: *see* Hotchkiss, W. O.
Stein, A., 63; —'s remarkable new discoveries, 533; — in Central Asia, 774
Steinmann, G., and Wilckens, O., 463
Stephenson, L. W., 807*; —, and Veatch, J. O., 549*
Stern, —, 630*
Sterne, C., 150*
Sterneck, R. von: Über Seiches an den Küsten der Adria. A. Defant, 802*
Steveni, W. B., 713
Stevens, G. C.: *see* Henshaw, F. F., and McGlashan, H. D.
Stevens, H. P., and Beadle, C., 69*
Stevens, W. J., 895*
Stevenson, B. E., 382
Stevenson, J. J., 312*
Stevenson, Mrs. R. L., 713
Stewart, W. J., 228*
Stigand, C. H., 720*
Stoddard, S. R., 77*
Stokes, R. P., 300
Stoke-on-Trent: Map, 238*
Stolley, E., 154*
Stone, H., and Freeman, W. G., 469*
Stone, R. W.: *see* Lee, W. T.
Stössel, F., 900*
Straits: Militärische Wert von Meerengen und englische Meerengenpolitik. R. Hennig, 802*
Straits Settlements. Suppl. to Commercial Reports, 1915, 898*
Strand Line: Factors in movements of the — and their results in Pleistocene and Post-Pleistocene. J. Barrell. Including a letter on botanical evidence by M. L. Fernald, 722*
Strassburg, Maps: Entwickelungsgesch.-physiognom. Planskizze von. G. Braun, *n.*, 76; Strasbourg, 239*
Stratford on the Avon: Highways and byways in Shakespeare's country. W. H. Hutton, *rev.*, 544
Strathearn, Lower: Lowland Scotch as spoken in the — District. J. Wilson, 973*
Stratigraphy: Principles of. A. W. Grabau, *rev.*, 143
Stratz, C. H., 901*
Stromboli: Fenomeni eruttivi avvenuti allo — dal 1909 al 1914 ed il loro meccanismo. O. de Fiore, 632*
Stromer von Reichenbach, E., 385, 390*
Structural Geology: *see under* Geology
Stuart, C. A. Verrijn, 798*
Stuhlmann, F., 391*

Stutzer, G., 293
Stutzer, O., 69*
Subanu: Studies of Sub-Visayan mountain folk of Mindanao. Part I: Ethnogr. and geogr. sketch. J. P. Finley. Part 2: Discussion of linguistic material. W. Churchill. Part 3: Vocabularies, *rev.*, 458
Submarine slopes. J. S. Gardiner, 475*
SUDAN: Und Afrika sprach. Bericht über den Verlauf der dritten Reise-Periode der D. Inner-Afrikanischen Forschungs-Expedition, 1910 bis 1912. L. Frobenius, *rev.*, 786
Anglo-Egyptian Sudan: Baumwollkultur und Baumwoolkrisis im Sudan. F. Köhler, 390*; From Cataract to Equator. J. T. Dennis, *rev.*, 294; Kordofan and the region to the west of the White Nile, 626*; Meroë: Four years' excavations of ancient Ethiopian capital. J. Garstang, 228*; Opening address British Association, Section H: Anthropology. C. G. Seligman, *n.*, 977; Sudan Almanac 1915, 308* **Maps:** Africa, 1 sheet, 317*, 3 sheets, 559; Anglo-Egyptian Sudan, 559*
French Sudan: Kayes. Tellier, 390*; Notes sur quelques industries du Soudan français. F. De Zeltner, 977*
Sudbury: —, Cobalt and Porcupine (Guide books for excursions of the 12th Intern. Geol. Congress in Canada, 1913), *rev.*, 701
Sueur, G. le, 150*
Sugar: —, Cane and Beet. (Common commodities of commerce.) G. Martineau, 69*
Sulphur: Wichtigsten Lagerstätte der "Nicht-Erze," Schwefel, usw. O. Stutzer, 69*
Sumatra: Süd-China und Nord-Sumatra: Zur Characteristik des Zerrungs-Phänomens in. W. Volz, 391* Map: Overzichtskaart van Atjèh en Onderhoorigheden, 903*
SUN: Lufttemperaturen, Sonnenflecke und Vulkanausbrüche. W. Köppen, 74*; The Sun. R. A. Sampson, 388*; Sunspots and temperature. G. T. Walker, 962; Temperatures, sunspots, and volcanic eruptions. Köppen, 369; Terrestrial temperature and solar changes. E. Huntington, 184; Utilization of solar energy, 536
Suolahti, E., 474*
Superior Lake: Classification of Pre-Cambrian formations in the region east of. W. H. Collins, 227*; Pre-Cambrian correlation from — Standpoint. C. K. Leith, 225*
Surinam: *see* Guiana, Dutch
Süring, R.: *see* Hann, J.
SURVEYING: Easy method of bringing star down to the horizon in taking star sight. J. J. London, 981*; Effects of errors in surveying. H. Briggs, *rev.*, 142; Errors of precise leveling. W. Bowie, 881; Graphics for reduction of exmeridian altitudes. E. van Quekelberge, 74*; Handbook for surveyors and draftsmen. N. S. Bartlett, 305*; Landmeten en Waterpassen. F. J. H. M. Thys, 68*; Lehrbuch der Landesvermessung. E. Hegemann, *rev.*, 142; Maps and Survey. A. R. Hinks, *rev.*, 465; Plane-table triangulation from one station only. E. A. Reeves, 633*; Transformation der Koordinaten bei der konformen Doppelprojektion der Erdellipsoids auf die Kugel und die Ebene. L. Krüger, 633*
Sus, Map: Das Sus in Süd-Marokko. R. Schleifer, *n.*, 477
Sutherland, W. J., 549*
Sutton, J. R., 802*
Sverdrup, O. N.: On the Asian Arctic Coast, 287*; Return of — and Vilkitski expeditions, 961
Swaine, A. T., 545
Swatow: Report for 1914 on the trade of, 978*
SWEDEN: Autour du Circle polaire. Norvège-Suède-Danemark. P. de Genis, *rev.*, 222; Contributions to biology of mackerel. D. Nilsson, 554*; Development and present state of dairying in. E. Haglund, 722*; Schweden. Hist.-Statist. Handbuch: Land und Volk Gewerbe. Edited by J. Guinchard, *rev.*, 786; Observations séismographiques faites à l'observatoire météorol. d'Upsala de janvier 1907 à août 1912, 73*; Things seen in. W. B. Steveni, *n.*, 713; Vattenståndsförutsägelser. A. Wallén, 554* **Maps:** Cohrs Atlas över Sverige. E. Cohrs, 240*; Karta över Södre Sveriges Landformer. S. De Geer, 80*; Sveriges Jännvägarvid slutet av ar 1913, 400*
Sweet, A. T., Bucher, F. S., and others, 550*
Swem, E. G., 151*

SWITZERLAND: Alpine, Lowland, and Jura lakes in. C. S. Du Riche Preller, 804*; Industrien der Schweiz. G. Michel, 232*; Jahrbuch der Schweizer Alpenclub, 474*; Die kleinen Seebecken der Tessiner Alpen. H. Lautensach, 722*; Land, Volk, Staat und Wirtschaft. O. Wettstein, *rev.*, 970; Nach Zermatt. Gornergrat. Saas-Fee. H. Behrmann, 68*; Switzerland. D. F. Wilber, 980*; How — cultivates her forests. M. Widmer, 980*; Tabellarische Zusammenstellung der Hauptergebnisse der schweizer. hydrometr. Beobachtungen, 1912. J. Näf, 310*; Zonal basins of Sub-Alpine. C. S. Du Riche Preller, 632* **Maps**: Berner Oberland und Oberwallis, 480*; Carte routière de la Suisse avec régions limitrophes de la France, l'Allemagne, de l'Autriche et de l'Italie, 320*; City Maps, 240*; Eisenbahnverkehr der Schweiz. G. Michel, and C. Knapp, *n.*, 157; Graphisch-Statistischer Atlas der Schweiz, 480*; Map indicating special regulations concerning motor car traffic in, 320*
Sydow, E. v., and Habenicht, H., 983*
Sykes, G., 161, 745
Sykes, P. M., 631*, 978*
Sympson, E. M., 547*
Syria: Syrian Pilgrimage. J. B. Ascham, *rev.*, 706 Map: Carte du Liban, 640*
Szádeczky, J. de, 231*

T

Taber, S., 70*, 365, 719*
Tablas I.: Map, 559*
Taft, W. H., 471*
Tahiti. E. T. Allen, 231*
Tahoe Lake: — in winter. J. E. Church, Jr., 470*
Taiwan: *see* Formosa
Talbot, F. A., 799*
Talbot, P. A., 555
Talgarno: Map, 399*
Talman, C. F., 231*
Tanganyika: Steel steamers on Lake —, 959; — Railroad, 50
Tanner, A. E., 69*
Tapajós: O Rio — na exposição nacional de Borracha de 1913 no Rio-de-Janeiro. R. P. Brasil, 386*
Taramelli, T., 804*
Tarauacá Region: Rã-txa Hu-ní-ku-i. Lingua dos Caxinauás do Rio Ibuaçu. J. C. de Abreu, 386*
Tarr, R. S.: —, and Engeln, O. D. von, 394*; —, and Martin, L., 795, 886; Memoir of Ralph Stockman Tarr. A. P. Brigham, 155*
Tasmania: Catamaran and Strathblane coal fields and coal fields and limestone at Ida Bay. W. H. Twelvetrees, 978* Map of Tasmania, 319*
Tate, G. P., 458
Tauern, O. D., 72*, 398, 898; *see also* Deninger, K.
Tayabas Province: Petroleum on Bondoc Peninsula. W. E. Pratt, 230*
Taylor, A. E.: *see* Byers, W. C.
Taylor, E. G. R., 812*; *see also* Unstead, J. F.
Taylor, G., 232*
Taylor, H. G., 70*
Tea: —. (Common commodities of commerce.) A. Ibbetson, 69*; Tea from new sources, 394*
Teets, D. D., Jr.: *see* Krebs, C. E.
Tegernsee: Das Tegernseevorland. Oberflächenformen, Aufbau und Versuch einer Entstehungsgeschichte. F. L. Levy, 153*
Teggart, F. J., 302*
Teheran: Kunsthistorische und gesellschaftskundliche Aufnahmen in —, Masenderan und Chorasan. E. Diez, 229*
Teixeira, Almeida A. de, 229*
Tejon Hills, Cal.: Remains of land mammals from marine beds in the. J. C. Merriam, 389*
TELEGRAPHY: Application of wireless telegraphy to meteorology. R. G. K. Lempfert, 982*; Economics of telegraphs and telephones. J. Lee, 304*; Plan eines skandinavischen Telegraphenkabels nach Amerika und seine Bedeutung. R. Hennig, 982*; Weltkabelnetz. H. Schmitthenner, 982*; Wireless telegraphy. C. L. Fortescue, *rev.*, 794; Wireless telegraph stations of the world: Land stations, Ship stations, 982*; Year-book of wireless telegraphy and telephony, 1915, *n.*, 894 **Maps**: Lines of Western Telegraph Co., 240*; Map of U. S. showing time used on Western Union telegrams, 903*
TELEPHONY: Economics of telegraphs and telephones. J. Lee, 304*; Year-book of wireless telegraphy and —, 1915, 894*
Tellier, —, 390*
TEMPERATURE: Lufttemperaturen, Sonnenflecke und Vulkanausbrüche. W. Köppen, 74*; Psy-

Temperature—*Cont'd.*
chrometric tables for obtaining vapor pressure, relative humidity, and temperature of the dew-point from readings of wet and dry bulb thermometers. C. F. Marvin, 981*; Radio-Activity and earth's thermal history. A. Holmes, 394*; Thermal regions of the globe. A. J. Herbertson, 74*; Die wahre thermische Anomalie auf der Erdoberfläche. J. Liznar, 394*; Role of winter temperatures in determining the distribution of plants. F. Shreve, 311*; Sunspots and. G. T. Walker, 962; Temperatures, sunspots and volcanic eruptions. Köppen, 369; Terrestrial — and solar changes. E. Huntington, 184
Temple, E. L., 137
Temple, R. C., 387*
Teneriffe: Volcanic eruption at — in autumn of 1909. F. A. Perret, 632*
Ten Eyck, A. M., 625*
Teng Yueh: Report for 1914 on the trade of Consular District of, 978*
TENNESSEE: Facts about (Dept. of Agric.), 797*; Geography at the summer school, George Peabody College of Teachers, 453; Tennessee (Frye's Geography). W. R. Garrett, 151*
Terlagosee: — in Südtirol. J. Blaas, 553*
Terre Haute, Indiana: First term of summer school in geography, 370
Terrestrial Magnetism: *see* Magnetism, Terrestrial
Teschauer, P. E., 67*
Texada: — Island. R. G. McConnell, 471*
TEXAS: Correlation of weather conditions and production of cotton in. J. B. Kincer, 628*; Drainage of Jefferson County. H. A. Kipp, A. G. Hall, and S. W. Frescoln, 628*; Geology and underground waters of southeastern part of Texas coastal plain. A. Deussen, 305*; Report for 1913 on trade and commerce of Consular District of Galveston, 629* **Maps**: Official railroad and county map of, 903*; Post route map showing post offices, etc., in operation Oct. 1, 1914, 317*; Oil pools of S. Oklahoma and northern Texas. J. H. Gardner, 894*
Thames: Historic Thames. H. Belloc, 893*; Upper — country and Severn-Avon plain (Oxford Geographies). N. E. MacMunn, 626*
Théviôtte [Pierre-Laurent-Marie]: Un officier de l'armée d'Egypte, —, et son œuvre géographique. H. Dehérain, 630*
Thiele, E. O., 391*; —, and Wilson, R. C., 724
Thienemann, A., 311*
Thomas, N. W., 294
Thompson, B., 235
Thompson, A. R.: *see* Kelley, W. P.
Thompson, C. M.: *see* Bogard, E. L.
Thompson, D'Arcy W., 231*
Thompson, R. C., 467
Thompson, S., 892*
Thonga: Life of a South African Tribe. Social Life. Psychic Life. H. A. Junod, 717*
Thorbecke, F., 551*, 785
Thorne-Thomsen, G., 240*, 315
Thornhill, J. B., 890
Thoroddsen, T., 469*, 632*, 790; *see also* Akerhjelm, E.
Thoulêt, J., 73*
Thraen, A., 309*
Thunder: On —. W. Schmidt, 394*
Thuringia: Beiträge zur Morphologie des ostthüringischen Schiefergebirge. O. Brönner, 553*; Entstehung der Ackerböden erläutert an den geol.-agron. Verhältnissen in —, usw. D. Lienau, 547*
Thurn, E. im, 633*, 723*
Thurnwald, R., 721*, 725
Thys, F. J. H. M., 68*
Thys, R., 60, 152*
TIBET: Exploration on the Tsangpo or Upper Brahmaputra. A. Sibiriakoff, 72*; Mit Filchner durch Kansu und. M. Hoffer, 898*; Lamasery Life. F. H. Nichols, 100; Marches of Chinese Tibet. T. M. Ainscough, 473*; Mystic Highlands of Asia. J. C. Gilson. (Series: Redway's Geogr. Readers), *rev.*, 146; Was Odoric of Pordenone ever in Tibet? B. Laufer, 552* **Maps**: Map of portion of western Tibet, explored by Capt. C. G. Rawling, and A. J. G. Hargreaves, 79*; Part of N. E. frontier of — showing the route of Morshead and Bailey, 1913, *n.*, 556; Part of Tibet, 728*
Ticino: Die kleinen Seebecken der Tessiner Alpen. H. Lautensach, 722*
TIDES: *see also* Currents: General tide tables for 1916, 550*; Notions sur le phénomène des marées. M. P. Hatt, 722*; Tide tables for eastern coast of Canada for 1915, 70*; Rivers and estuaries, or streams and tides. Elementary study. W. H.

Tides—*Cont'd.*
Hunter, 68*; Tide Tables for the Pacific coast of Canada for 1915, 70* **Maps:** Atlas der Gezeiten und Gezeitenströme für das Gebiet der Nordsee und der Britischen Gewässer. (D. Seewarte), 160*
Tiekkens, W. H., 775
Tientsin: Report for 1914 on trade of, *n.*, 978
Tierra del Fuego: Where the two great oceans meet. J. C. Gilson (Series: Redway's Geogr. Readers), *rev.*, 146
Tietze, E., 553*
Tight, W. G., 151*
Tilby, A. W., 148*
Tilghman, O., 797*
Tilton, J. L., 468*
Timbuktu: My march to Timbuctoo. Gen. Joffre, *rev.*, 785
Time: Shelf-seas of the Paleozoic and their relations to diastrophism and time divisions. T. C. Chamberlin, 154*; Year-measurements in ancient times. V. Venkatachellam Iyer, 232*
Times: (London) The — shipping number, 1912, 225*
Tinguian: Traditions of the: Study in Philippine Folk-Lore. F. C. Cole, 473*
Tinneh: Northwestern Dénés and Northeastern Asiatics: Study on the origin of the former. A. G. Morice, 804*
Tirol: *see* Tyrol
Tittmann, O. H.: Leaves service of the Coast and Geodetic Survey, 445
Tobacco: —. (Common commodities of commerce.) A. E. Tanner, 69*
Todd, M., 888
TOGO: Akposso. Beitrag zu der Frage des Bevölkerungsrückgans in afrik. Schutzgebieten. E. Rodenwaldt, 977*; A camera actress in the wilds of Togoland. Adventures depicting native life, etc. M. Gehrts, 546*; Conquête du Togoland: Action des partisans mossis. D'Arboussier, 552*; Conquête du — et du Cameroun, 390*; Meteorol. Beobachtungen aus, Teil V: Zusammenstellung der Monats- und Jahresmittel aus dem Jahre 1913, 12 Stationen. P. Heidke, 472*; Togo. (Die Deutschen Kolonien. Edited by A. D. K. Schwabe), *rev.*, 223
Tokyo: Imp. Univ. of — Calendar 2573-2574 (1913-14), 631*
Toledo, P. de, 892*
Tolman, C. F., Jr., 780
Toniolo, A. R.: *see* Gortani, M.
Toradja: De Bare's-Sprekende Toradja's van Midden-Celebes. N. Adriani, and A. C. Kruijt, *rev.*, 65
Torii, R., 898*
Toronto: — to Victoria and return via Canadian Pacific, etc.; Vicinity of, (Guide books for excursions of the 12th Intern. Geol. Congress in Canada, 1913), *rev.*, 701
Torres, L. M., 386*
Tower, W. S., 54, 115*
Towns: Etude d'une agglomération urbaine. Rouen. J. Levainville, *rev.*, 714; Practical town planning. J. S. Nettlefold, 304*; Situation of towns as subject of teaching in secondary schools. G. G. Chisholm, 155*
Trade: *see* Commerce
Transactions of the Amer. Geogr. Soc., 45, 123, 204, 281, 364, 445, 530, 605, 630, 690, 875
Transcaspian Territory: Das transkaspische Gebiet. Krahmer, 893*
Transcaucasia: Der Kriegsschauplatz am schwarzen Meer und in Transkaukasien. F. Frech, 802*; Bevölkerung des Sakataler Kreises. A. Dirr, 977* Map: Karte des Kaukasischen Hochgebierges und der angrenzenden Gebiete von Cis- und Trans-Kaukasien. M. von Dechy, *n.*, 556
TRANSPORTATION: Means of — in regions of dry climate. O. Olufsen, 684*; Natürliche und technische Transportmittel und ihre Geschwindigkeit, 723*; Primitive carriers in land —. M. Haltenberger, 729; The Road: Past, present, and future. J. H. A. MacDonald, 233*; The Times shipping number, 1912, 225; Traineau-remorqueur automobile. J. Boyer, 555*; Überland und Übersee im Wettbewerb, nebst einem Ausblick auf die kommenden Wettbewerbsmöglichkeiten des Luftverkehrs. R. Hennig, 233*
Transvaal, Maps: Krugersdorp, 159*; Portions of Barberton and Carolina districts, 318*; Welverdient, 238*
Transylvania: Natural gas in. J. de Szádeczky, 231*
Travel: *see also* Voyages: English travelers of the Renaissance. C. Howard, *n.*, 714; Illustriertes Jahrbuch der Weltreisen, 1914. H. Berdrow, 627*; Mental training of a traveller. J. Bryce, 311*

Trees: — in winter: Their study, planting, care and identification. A. F. Blakeslee, and C. D. Jarvis, *rev.*, 545
Treidler, H., 232*
Tremlett, H., 456
Trent, Canada: Trent watershed survey. Reconnaissance by C. D. Howe, and J. H. White, 209
Trentino: Map, 811*
Trieste: Gezeiten im Hafen von. F. Hopfner, 73*; — et le Karst. E. A. Martel, 900*; Triest und Venedig. L. Glaesner, 802*
Trietsch, D., 899*
Tripoli: *see* Libya
Tripoli City: Map, 78*
Tristan da Cunha: Three years in. K. M. Barrow, 67*
Triverio, C., 627*, 974
TROPICS: Agriculture in the. Elementary treatise. J. C. Willis, *rev.*, 616; Ansiedelung von Europäern in den Tropen. 3. Teil. M. S. Evans, Dr. Hardy, and Dr. Karsted, 717*; Gesundheits-Ratgeber für die Tropen. H. Zieman, 893*; Practical handbook of tropical diseases of Asia and Africa. H. C. Lambart, *rev.*, 462; The Steady warmth of the. M. Jefferson, 346; De tropische Natuur in Schetsen en Kleuren. A. H. Blaauw, 148*
Troy: Homer's — To-day. J. E. Conner, 631*; Troy: Study in Homeric Geography. W. Leaf, 149*
Tsingtao: —. W. Blane, 977*; Kiao-chow-Tsingtau. W. R. Peck, 898*
Tucumán: Exploraciones arqueológicas en las provincias de — y Catamarca. B. Bruch, 386*
TUNIS: The Desert's Edge. J. R. Smith, 813; En France africaine. Notes et croquis d'Algérie, Tunisie, etc. M. Rondet-Saint, 224*; Guide aux ruines de la Tunisie antique. E. Gallois, 224*; Mazigh-Völker: Ethnogr. Notizen aus Süd-Tunesien. F. Stuhlmann, 391*; Politica commerciale francese in Algeria e Tunisia. D. Bartolotti, 630*; Rapport sur la situation en 1913, 802*; Recherches anthropol. dans la Berbérie orientale. Tunisie, etc. L. Bertholon, and E. Chantre, 224*; Report for 1913 on trade of the regency of, 630*; Wirtschaftsverhältnisse in Tunesien, 391* **Maps:** Algérie et Tunisie: carte physique, carte politique. P. Vidal-Lablache, *n.*, 235; Carte de la Tunisie, 728*
TURGUN MTS.: Further information on the — or Kundelun mountains in north-west Mongolia and notes on new map of this region. D. Carruthers, 152* **Map:** Map of — from survey by D. Carruthers, 1910, *n.*, 556
TURKESTAN, CHINESE: A. Stein's remarkable new discoveries, 533; Stein in C. Asia, 744 **Map:** Chinese Turkestan, 238*
TURKESTAN, RUSSIAN: F. de Filippi's Asiatic expedition: Fourth Report, 391*; Land und Leute in Russisch-Turkestan. F. Machatschek, 392*; Zur Wirtschaftspolitik von. F. Machatschek, 309*; Von Lübeck nach Kokand: Ein Reisebericht. R. Karutz, 392*; Le Turkestan Russe. A. Woeikov, *rev.*, 708 **Map:** Indo-Russian triangulation connection, 157*
TURKEY IN ASIA: *see under* Asia
TURKEY IN EUROPE: Barometrische Höhenmessungen in den griechischtürkischen Grenzländern. V. Hilber, 231*; Foreigners in Turkey: Their juridical status. P. M. Brown, *rev.*, 383; La Turquie que l'on voit. L. de Launay, *n.*, 789 **Maps:** Seat of war in the Dardanelles and the Bosporus, embracing the country from Adrianople to Constantinople, 812*; Nouvelle carte des opérations en Turquie d'Europe. Dardanelles-Bosphore, 812*; Map of Dardanelles, Sea of Marmora and Bosporus, 728*
Turkhud, D. A., 552*
TURKISH EMPIRE: Eurasian waterways in Turkey. L. Dominian, 804*; Ottoman Empire, 1801-1913. W. Miller, *rev.*, 301; Railroads in Turkey. L. Dominian, 934 **Maps:** D. Reimers Generalkarte des Türkischen Kriegsschauplatzes auf Grund der Carte générale des provinces, européennes et asiatiques de l'Empire Ottoman. H. Kiepert, 480*; Stanford's map of part of the — with the Balkan peninsula and Lower Egypt, 320*
Turley, C., 974*
Twelvetrees, W. H., 978*
Tyrol: Mineralien Tirols, einschliesslich Vorarlbergs und Hohen Tauern. G. Gasser, 225*; The spell of. W. D. McCrackan, *rev.*, 222; Terlagosee. J. Blaas, 553*
Tyrrell, J. B., 228*, 629*, 691

U

Ubangi: Oubangui-Chari-Tchad en 1913. R. Legrand, 472*
Udden, J. A., 389*
Uetrecht, E.: *see* Krauss, P.
UGANDA: Quer durch —: Forschungsreise 1911/12. R. Kmunke, *rev.*, 704; Tea from new sources, 394* **Maps:** Karte des Kraters vom Berg Elgon. R. Kmunke, 318*; Routenskizze der Rudolf Kmunke-'schen Exp., Okt. 1911-April 1912, 318*
Uhlig, C., 630*, 897*
Ule, E., 228*
Ule, W., 152*
Umlauft, F., 548*
Undagraph. [A new seismographic instrument.] O. Klotz, 74*
Union of South Africa: *see under* Africa
United Fruit Company: Conquest of the tropics. Story of creative enterprise conducted by. F. U. Adams, *rev.*, 792
UNITED KINGDOM OF GREAT BRITAIN AND IRELAND: *see also* England, Ireland, etc.: British Isles. F. Mort, *rev.*, 544; Inter-glacial problem. G. W. Lamplugh, 231*; Leuchtfeuerverzeichnis, 1915. Part 4: Englischer Kanal, W.-Küste von England und Schottland, Küsten von Irland, 473*; Militärische Wert von Meerengen und englische Meerengenpolitik. R. Hennig, 802*; Modern British State. Introduction to the study of civics. H. J. Mackinder, *rev.*, 460; Our common sea-birds. Cormorants, gulls, etc., P. R. Lowe, *rev.*, 967; Social forces in England and America. H. G. Wells, 790; Studies in Carto-Bibliography. British and French. H. G. Fordham, 718* **Anthropology:** Archæology of Anglo-Saxon Settlements. E. T. Leeds, *rev.*, 65; Geological evidence in Britain as to the antiquity of man. W. B. Dawkins, 979*; Paléontologie humaine en Angleterre. M. Boule, 721*; Native races of Great Britain. W. H. Babcock, 534 **Collieries:** Charbonnage anglais et Pays de Galles. C. Véron, 900*; Englands Kohle und sein Überseehandel. R. Engelhardt, 803* **Commerce and Industry:** Ann. statement of trade with foreign countries and British possessions, 1914, compared with four preceding years, 979*; Geogr. conditions and problems of a growing industrial district. C. B. Fawcett, 474*; Growth of English industry and commerce during Early and Middle Ages. 5th Edition. W. Cunningham, *rev.*, 461 **Fisheries:** Geography of British Fisheries. J. S. Gardiner, 721* **Geography:** Cambridge County Geographies, 68*, 386*, 461, 469*, 547*, 798*; Commercial Geography of the British Isles. F. Mort, *n.*, 796; Industrial geography of England, Germany and the United States. L. R. Blaich, *rev.*, 700; First Ann. Report, 1913-14, Committee for Geography, Univ. of Oxford, 474*; Geogr. Association Annual Meeting, 474*; Geography at the British Association. J. McFarlane, 309* **History:** English travelers of the Renaissance. C. Howard, *n.*, 714; History of commercial and financial relations between England and Ireland from the Period of the Restoration. A. E. Murray, *rev.*, 133; Our island history. Elementary study in history. H. J. Mackinder, *rev.*, 460; Studies in Anglo-Jewish history. H. P. Stokes, *rev.*, 300 **Meteorology:** British rainfall. Compiled under direction of H. R. Mill. R. C. Mossman, and C. Salter, *rev.*, 381; British Rainfall, 1914. On distribution of rain in space and time, 1914, recorded by about 5,500 observers, with articles upon various branches of rainfall work. H. R. Mill, and C. Salter, 893*; Isomeric rainfall maps of the British Isles. H. R. Mill, 393*; Seasonal distribution of rainfall in, 721*; Effect of Labrador current upon surface temperature of North Atlantic and of the latter upon air temperature and pressure over British Isles. M. W. C. Hepworth, 394* **Ordnance Survey:** Report of progress of — to 31st March, 1915, 803* **MAPS:** Bacon's contour atlas, 984*; British Isles (Atlas geographies: New visual atlas and geography combined). T. Franklin, E. D. Griffiths, and E. R. Shearmur, 240*; British Isles: Physical features (Oxford Wall Maps). A. J. Herbertson, and B. V. Darbishire, 240*; Philips' wall atlas of modern history, 400*; W. & A. K. Johnston's series of history maps, 400*; Railway map of the British Isles. J. Bartholomew,

United Kingdom, etc.—*Cont'd.*
79* **COLONIES:** British Colonies and dependencies, their resources and commerce. With chapters on interchange of productions and climatic conditions. M. J. C. Meiklejohn, *n.*, 465; Britische Kolonien, 310*; Historical geography of British colonies. Vol. 4: South Africa. Part I, History to 1895. Sir Charles Lucas, *rev.*, 61; *see also* British Empire
UNITED STATES: American Policy. Western hemisphere in its relation to the eastern hemisphere. J. Bigelow, 67*; American Year Book. Record of events and progress, 1914. Edited by F. G. Wickware, 388*; Assessed valuation of property and amount and rates of levy, 1860-1912, 629*; Estimated valuation of national wealth, 1850-1912, 629*; Federal land grants to the states with special reference to Minnesota. M. N. Orfield, 895*; Comparison of Italian and American Bad Lands. O. Marinelli, 685*; Discovery of painted stone, an early observation of driftless area. L. Martin, 975*; Glaciers in, 48; Geographical bases of interior colonization in the. E. Wunderlich, 684*; Guidebook of western —: Overland route, with side trip to Yellowstone Park. W. T. Lee, R. W. Stone, H. S. Gale, and others, *rev.*, 697; The far west from N. Mexico to British Columbia. E. A. Powell, *n.*, 614; Nature and Science on the Pacific Coast. A. McAdie, R. S. Holway, C. F. Tolman, Jr., and others, *rev.*, 780; Relief of our Pacific coast. J. S. Diller, 226*; Physiographic excursion in the western, 283; Physiographic boundaries within the United States. N. M. Fenneman, 388*; Mexico and Peru, America, Canada. C. Richmond, 148*; Navajo country. H. E. Gregory, 561, 652; Note on spelling of place-names, with special reference to the United States. G. G. Chisholm, 684*; Origin and development of Rocky Mts. in. E. Blackwelder, 115*; Real — and Canada. Pocket Guide-Book. W. H. Black, 625*; Seismic activity in the Atlantic Coastal Plain near Charleston. S. Taber, 70*; Seismological work in the U. S. Weather Bureau, 691; On the shores of an inland sea. J. T. Dennis, 546*; Social forces in England and America. H. G. Wells, *rev.*, 790; Studien über Kultur in den Vereinigen Staaten. A. Rambeau, *rev.*, 376; Trockengebiet der Vereinigten Staaten. H. Fehlinger, 894*; United States by groups and by states. W. Rabenort, *n.*, 796 —: Their geography, resources, commerce and history with chapters on tides and chief ocean currents. M. J. C. Meiklejohn, 303*; Warfare on our eastern coast [work of waves and sand dunes]. J. O. La Gorge, 975*
Agriculture: Agric. atlas of the. C. F. Brooks, 115*, 208; Agric. development in the southwest. H. M. Bainer, 894*; Corn in the Great Plains Area: Relation of cultural methods to production. E. C. Chilcott, 894*; Corn, milo, and kafir in southern Great Plains Area: Relation of cultural methods to production. E. F. Chilcott, W. D. Griggs, and C. A. Burmeister, 975*; Dry-farming investigations in. L. J. Briggs, 718*; Money value of rainfall in selected crop areas of the. E. J. Cragoe, 894*; The weather and the potato crop. J. W. Smith, 957; Practical discussion of raising, marketing, etc., of wheat crop, relating largely to Great Plains region of the — and Canada. A. M. Ten Eyck, 625*; Silver fox farming in eastern North America. N. Dearborn, 974*; Use of soils east of great plains region. M. Whitney, 550*; Rainfall and agriculture in the. B. C. Wallis, 800*; Soil map of the U. S. By C. F. Marbut, 115*; Soils of —, 1913. C. F. Marbut, H. H. Bennett, J. E. Lapham, and M. H. Lapham, *rev.*, 214; Study of soils of the. G. N. Coffey, 549*; Supply and distribution of cotton for year ending Aug. 31, 1914, 227*; What the U. S. Dept. of Agric. is doing for American agriculture. D. F. Houston, 894*; Year Book of the U. S. Dept. of Agric., 1914, 976*
Cities: American and European Cities. E. Oberhummer, 684*; How American cities grow. M. Jefferson, 19; Remarks on location and development of some cities in western. F. Nussbaum, 684*; Regional characters in the growth of American cities. M. Jefferson, 115*
Climate and Meteorology: Climatic factor as illustrated in arid

United States—*Cont'd.*
America. E. Huntington. With contributions by C. Schuchert, A. E. Douglass, and C. J. Kullmer, *rev.*, 441; Climatic subdivisions of the. R. DeC. Ward, 672; Climatological data for the — by sections. Vol. 1, Jan.–Dec., 1914, 389*; Climatic provinces of the. W. G. Reed, 1; Climatological data for the — by sections, Vol. 2, 1915, 976*; Weather element in American climate. R. DeC. Ward, 548*; Weather and potato crop. J. W. Smith, 957; Distribution of thunderstorms in. W. H. Alexander, 974*; Types of storms of — and their average movements. E. H. Bowie, and R. H. Weightman, 225*; The hottest region in the. G. H. Willson, 800*, 956; Phenological dates and meteorol. data recorded by T. Mikesell between 1873 and 1912 at Wauseon. J. W. Smith, 800*; Servizio meteorol. degli Stati Uniti. Relazione di missione del Sig. Manley-Bendall. Trad. di G. Magrini, 151*; Settlement of — as controlled by climate and oscillations. E. Brückner, 684*; Total radiation received on a horizontal surface from the sun and sky at Mount Weather, Va. H. H. Kimball, 799*; Warm and cold winters in eastern United States. W. J. Humphreys, 607 *Rainfall and Snowfall:* Rainfall of the United States. B. C. Wallis, 956; Distribution of rainfall in eastern. B. C. Wallis, 550*; Distribution of rainfall in the north-eastern: Its causes and results. B. C. Wallis, 70*; Rainfall of northeastern. B. C. Wallis, 771; Distribution of rainfall in western. B. C. Wallis, 719*; Rainfall régime of several states. B. C. Wallis, 719*; Rainfall and agriculture in. B. C. Wallis, 800*; Money value of rainfall in selected crop areas of. E. J. Cragoe, 894*; Rainfall of cotton belt of the — and its results. B. C. Wallis, 306*; Area of heaviest snowfall in. A. H. Palmer, 956; Influence of western yellow pine forest on accumulation and melting of snow. A. J. Jaenicke, and M. H. Foerster, 628*; Snowfall of eastern. C. F. Brooks, 115*, 548*, 607; Snowfall and cyclones in eastern. R. DeC. Ward, 48 *U. S. Weather Bureau:* Another change in publications of, 208; Publications of, 981*; Report of Chief of Weather Bureau 1913-14, 471*; Work of the —, 1913-14, 447; Work of Blue Hill meteorological observatory, 955 **Education:** General Education Board. Account of its Activities, 1902-14, 302* **Fisheries:** Propagation of food fishes (Bur. of Fisheries), 389*; Water Conservation, fisheries and food supply. R. E. Coker, 723*; Whaling off the Alaskan Coast. From the Journal of Jack Hadley of Point Barrow, 905 **Flora:** — of southeastern United States. J. K. Small, *rev.*, 699 **Forests and Forest Industries:** American timber and lumber. J. J. Macfarlane, 894*; Canadian lumber competition. H. D. Langille, 306*; Lumbering, 302*; Production of lumber in 1913, 800*; Our need and consumption of wood. N. C. Brown, 718*; Calendar of leafing, flowering and seeding of common trees of eastern. —. G. N. Lamb, 800*; Collection of photographs, Forest Service. R. H. Whitbeck, 952; Field manual of trees. Including S. Canada and N. United States to S. boundary of Virginia, Kentucky and Missouri, westward to the limits of the prairie. J. H. Schaffner, 303*; Farm forestry. Text book dealing with wooded parts of southern farms and problems growing out of them, for use in agricultural high schools and colleges. A. Akerman, 797*; Destruction of forests by sand dunes, 49; Fifth Conservation Congress: Condition under which commercial planting is desirable, Relation of forest and water, Secondary forestry education, etc., 302*; Better protection against forest fires, 366; Continued destruction by forest fires, 876; Fire prevention by states, federal government, etc., sub-committee on forest fires, State Forest Organization with special reference to fire protection. Fifth Conservation Congress. J. G. Peters, 302*; Fire protection in National Forests in 1914. H. S. Graves, 226*; Forest fires in N. C. during 1913 and State Forest Fire Prevention in the U. S. By J. S. Holmes, 69*; Forest Reservation in the White Mountains, 875; Eastern Hemlock. E. H. Frothingham, 388*; Influence of western yellow pine forest on ac-

United States—*Cont'd.*
cumulation and melting of snow. A. J. Jaenicke, and M. H. Foerster, 628*; Loblolly or N. Carolina pine. W. W. Ashe, 975*; Norway pine in the Lake States. T. S. Woolsey, Jr., and H. H. Chapman, 227*; Southern cypress. W. R. Mattoon, 975*; Utilization and management of lodgepole pine in the Rocky Mts. D. T. Mason, 800*; National Forest Administration. D. F. Houston, 226*; Our National Forests, 605; What is a National Forest? T. W. Venemann, 233*; Size of State Forests. J. S. Illick, 226*; Possibilities of city forestry. H. R. Francis, 719*; Profession of forestry. H. S. Graves, 394*; Report of the Forester, 1914, 227*; Summer school of forestry, 531 **Geography:** Geographic Board of the U. S.: Decisions, 70*, 151*, 306*, 471*, 629*; Dodge's Geography. State Suppls., 150*; Frye's Geography, State Suppls., 151*; Economic geography of. C. B. Kirchwey, 306*; Industrial geography of England, Germany and the United States. L. R. Blaich, *rev.*, 700; Redway's Geogr. Readers: Strange rock formations—Natural bridges, Wealth of arid southwest. J. C. Gilson, *rev.*, 146; Geography in summer schools, 370, 453; Geography, travel, exploration: Descriptive Government publications, many illustrated, sold by Superintendent of Public Documents, Washington, 1914, 389*; Government books on geography and exploration, 283; Photographs of geographical interest in Washington. R. H. Whitbeck, 952; Record of United States in geography, 1889-1913. H. G. Bryant, 799*, 955; Transcontinental Excursion of 1912 (Amer. Geogr. Soc.): Development of the. W. M. Davis, 684*; History of the Excursion. A. P. Brigham, 684*; Publication of Memorial Volume of the, 684 **Geology:** United States. E. Blackwelder. (Handbuch der regionalen Geologie), *rev.*, 463 **History:** Across the plains to California in 1852, from Wabash R. to the Pacific Springs of Wyoming. Journal of L. Frizzell. Edited from original MS. by V. H. Paltsits, 549*; Crossing the plains in the days of '57. W. A. Maxwell, 973*; In the Old West. As it was in the days of Kit Carson and the "Mountain Men." G. F. Ruxton, *n.*, 885; Subject Index to the history of the Pacific Northwest and of Alaska. K. B. Judson, 303*; Winning of the Far West. History of regaining Texas, of Mexican War, etc.; of successive additions to territory of the —, 1829-1867. R. McNutt McElroy, *rev.*, 698; Trails of Pathfinders. G. B. Grinnell, *rev.*, 214; American history and its geographic conditions. E. C. Semple, *rev.*, 699; Beginning of American people. C. L. Becker, 716*; The changing order. Essays on government, monopoly, and education, written during a period of readjustment. G. W. Wickersham, 224*; Exercise book in economic history of. E. L. Bogart, and C. M. Thompson, 387*; La France vivante en Amérique du Nord. G. Hanotaux, *rev.*, 377; The French in the heart of America. J. Finley, *rev.*, 780; Geschichte der Vereinigten Staaten. E. Daenell, 798*; Per Giovanni da Verrazzano, scopritore dell America settentrionale, etc. G. Rosadi, 227*; Historical Journal of campaigns in North America for 1757-1760. J. Knox, *rev.*, 376; History of emigration from United Kingdom to North America. S. C. Johnson, *rev.*, 57; History of western boundary of Louisiana Purchase, 1819-1841. T. M. Marshall, 468*; Indian slavery in colonial times within the present limits of the. A. W. Lauber, *rev.*, 290; Life in America one hundred years ago. G. Hunt, *rev.*, 374; Proc. of Amer. Antiquar. Soc., Ann. Meeting, 1914, 550*; Russisch-Amer. Handels-Kompagnie bis 1825. H. Pilder, 547*; A Walloon family in America. Lockwood de Forest and his forebears, 1500-1848. R. W. de Forest. Together with voyage to Guiana, being the Journal of Jesse de Forest and his colonists, 1623-1625, *rev.*, 454 **Indians:** *see* Indians, North American **Mexican Problem:** Conflit entre les Etats-Unis et le Mexique. J. Leclerq, 69*; — and Mexico, 1821-1845. G. L. Rives, n., 58; **Minerals and Mining:** Anthracite coal combination in the —, with some account of early development of anthracite industry. E. Jones, *rev.*, 884; Mineral fuels. (Contributions to

United States—*Cont'd.*
economic geology, 1912.) Part 2. M. R. Campbell, 226*; Our largest potash deposits. H. S. Gale, 446; Mineral Resources of the U. S., 1912 and 1913: Gold and silver in 1913. H. D. McCaskey, 226*; Production of metals and metallic ores in 1912 and 1913. J. P. Dunlop, 226*; — 1913: Gold, silver, copper, lead and zinc in Idaho, etc. C. M. Gerry, 226*; Gold, silver, copper, lead and zinc in Mont., Ariz., and Nev. V. C. Heikes, 306*; Lead. General report. C. E. Siebenthal, 227*; Iron ore, pig iron, and steel. E. F. Burchard, 305*; Production of coal. E. W. Parker, 227*; Natural gas in 1913. B. Hill, 226*; Petroleum. D. T. Day, 226*; Source, manufacture, and use of lime. E. F. Burchard, and W. E. Emley, 226*; Stone industry in 1913. E. F. Burchard, 226*; Zinc and cadmium. General report. C. E. Siebenthal, 227*; Occurrence of petroleum and natural gas in mid-continent field. C. N. Gould, 226*; Portland cement materials and industry. E. C. Eckel. With contributions by E. F. Burchard and others, 388*; 4th Ann. Report of Director of Bur. of Mines, year ending June 30, 1914, 227*; Bureau's collection of photographs. R. H. Whitbeck, 953 **National Parks:** General information, 1915, 895*; Guide to National Parks of America. Compiled and edited by E. F. Allen, *n.*, 883 **Races and Race Problems:** Composite of races and religions in. S. B. McCormick, 306*; Herkunftsland und Rassencharakter der Einwanderer in den Vereinigten Staaten. E. Schultze, 549*; The Japanese in. G. M. Rowland, 894*; List of publications of — Bur. of Amer. Ethnology, with index to authors and titles, 550*; Physical anthropology in America. A. Hrdlička, 226*; With poor immigrants to. S. Graham, *rev.*, 375; Scandinavian element in the. K. C. Babcock, *n.*, 883; Scotch-Irish in America. H. J. Ford, *rev.*, 539 **Reclamation Service:** Collection of photographs showing government irrigation projects. R. H. Whitbeck, 953; Progress of Reclamation Service, 605; Report on methods and cost of reclaiming the overflowed lands along the Big Black R., Mississippi. L. A. Jones, W. J. Schlick, and C. E. Ramser, 628*; 13th Ann. Report of Reclamation Service 1913–14, 471* **Rivers, Harbors and Lakes:** Final Report of Nat. Waterways Commission. R. M. Brown, 69*; 7th Ann. Convention of Atlantic Deeper Waterways Association, 1914. Compiled and edited by W. H. Schoff, 629*; Harbors of the Pacific Northwest. F. Herbette, 685*; Proc. and papers of third meeting of Amer. Assn. of Port Authorities, 1915, 550*; Stream-gaging stations and publications relating to water resources 1885-1913. Compiled by B. D. Wood. (Listed under each respective river), 227*; Survey of Northern and Northwestern Lakes, April, 1915. To supplement information given upon charts of Great Lakes, etc., 471* **Smithsonian Institution:** Explorations and field-work of — in 1914, 719*; Report on progress and condition of the U. S. National Museum for year ending June 30, 1914, 307*; Smithsonian Physical Tables, 1914. F. E. Fowle, 155* **Statistics:** Statistical Abstract of the U. S., 1914, 629* **Trade and Commerce:** Extension of our merchant marine. G. W. Norris, 389*; Tonnage of merchant marine, Bur. of Navigation, 1914, 389*; The free port. Agency for development of American commerce. F. C. Howe, 388*; Fruit trade of the U. S., 550*; Problems in geography of foreign trade. J. R. Smith, 634*; Slight effect of the war on U. S. total Commerce. M. Jefferson, 650; Trade relations between the — and Brazil and Brazilian resources. A. G. de Almeida, 469*; —: Their resources, commerce, etc. M. J. C. Meiklejohn, 303* **Transportation:** Ann. Report of Statistics of Railways in the — for year ended June 30, 1912, 151*, for 1913, 719*; Railway library, 1914. Collection of papers on railway subjects, also statistics for 1914. S. Thompson, 892*; Ann. Report on statistics of express companies in — for year ended June 30, 1914, 471*; Influence of trans-continental highways on the price of wheat. N. A. Bengston, 115*; Northern Pacific R.R.: Geogr. conditions of development and its activities. (in German.) J. Partsh, 684*; Railroads

United States—*Cont'd.*
of "Old Northwest" before the Civil War. F. L. Paxson, 70*; State management of public roads: its development and trend. J. E. Pennybacker, 975* **U. S. Coast and Geodetic Survey:** Extent and efficiency of Service, 389*; New vessel for, 531; Recent work of the, 207, 365, 447, 533; Secretary of Commerce asks more liberal support for its work, 125; O. H. Tittmann leaves service of the, 445, E. L. Jones appointed Superintendent of the, 445; General tide tables for 1916, 550; Precise leveling from Brigham, Utah, to San Francisco, 226*; Primary triangulation of one hundred and fourth meridian and thirty-ninth parallel, 226*; U. S. Coast Pilot. Atlantic Coast, 307*; Pacific Coast, Suppl. to Fifth Edition, 1915, 550*; Wire-drag work on the Atlantic Coast. N. H. Heck, and J. H. Hawley, 975* **U. S. Geol. Survey:** Field work in progress this summer, 447; U. S. Geol. Survey: Funds for the, 448; New series of U. S. Geol. Survey Index Maps, 771; Report of Director, July 1, 1913–June 30, 1914, 206; Selling U. S. topographic sheets, 954; Contributions to economic geology, 306*, 800*; Shorter contributions to general geology, 226*, 227*, 470*, 799*; Contributions to hydrology of the, 627*, 628*, 800*, 895; Mineral Resources of the U. S., 226*, 227*, 305*, 306*, 388*; Stream-gaging stations and publications relating to water resources 1885-1913, 227*, 629*; Surface Water Supply of the U. S., 226*, 306*, 627*, 628*, 718*, 719*, *rev.*, 781 [listed under each respective region and author] **Water Problems:** International Commission of Boundary Waters, 475; Water conservation, fisheries and food supply. R. E. Coker, 723*; Water-Power Problem. With particular reference to causes of the present stagnation of water-power development. [Legislative obstacles.] R. G. Brown, 150* **MAPS:** Aberle's memorandum map series (collection of maps of leading railroad systems showing ownership of various sections, trackage rights, etc.), 237*; New official railroad map of the — and southern Canada, *n.*, 476; Bacon's Excelsior map, 78*; Base maps of various states, *n.*, 313; Set of 46 state maps showing counties, 638*; C. America, Portions of —, Mexico, etc., 160*; Map of — showing states won to woman suffrage, 237*; Map showing distribution of lithologic divisions of Eastern Gulf cretaceous deposits and their age equivalencies, 807*; Map showing time used on Western Union Telegrams, 903*; Map showing lines of equal anomaly of gravity, *n.*, 808; Maps by Amer. Automobile Assn.: General transcontinental routes with principal connections, 316*; Routes between northern states, middle western states and the south, Amer. Automobile Assn., 316*; Oil and gas fields in 1913. D. T. Day, and others, *n.*, 237*, 314; Portions of the — and Mexico, 160*; Rand, McNally & Co.'s general wall map of the —, with portions of Canada and Mexico, 478*; Post route maps showing post offices, with intermediate distances on mail routes in operation Oct. 1, 1914, 316*; Soil provinces and soil regions of the U. S., 638*; —: Physical wall map series, Political wall map series. J. P. Goode, 812*; — showing principal meridians, base lines and areas governed thereby, 810*; U. S. Coast and Geodetic Charts, 156, 314; U. S. Geological Survey Maps, 155, 312, 395, 475, 634, 727, 805, 901 **COLONIES:** Colonies and Dependencies. Travels and investigations, etc. W. D. Boyce, *n.*, 781; *see also* Philippine Is., Porto Rico, etc.

UNIVERSE: Hörbigers Glacial-Kosmogonie. Eine neue Entwickelunsgeschichte des Weltalls und des Sonnesystems. Auf Grund des Widerstreites eines kosmischen Neptunismus mit einen ebenso universalen Plutonismus. P. Fauth, 305*; Werden und Vergehen. Entwicklungsgeschichte des Naturganzen in gemeinverständlicher Fassung. Entwicklung der Erde und des Kosmos, Pflanzen, Tiere, und des Menschen. C. Sterne, 150*

University Museum, Phila.: Amazon Expedition, 801*

Unstead, J. F., and Taylor, E. G. R., 984*

Upham, W., 150*, 151*, 555*

URUGUAY: Anuario estadístico, 1909-10, Vol. I: Con varios datos de 1911, 228*, Vol. 2, 551*; 1911 y

1912, *n.*, 897; Chapter on Uruguay, Argentine Year Book, 1914, 468*
Urundi: Land und Leute von. H. Meyer, 551*
Usher, A. P., 300
Ussing, N. V., 386*, 463*
UTAH: Coalville coal field. C. H. Wegemann, 628*; Igneous origin of "glacial deposits" on the Navajo Reservation. H. E. Gregory, 894*; Precise leveling from Brigham, Utah, to San Francisco. W. Bowie, 226*, *rev.*, 291; Primary triangulation on 104th meridian and on 39th parallel in Colo., Utah and Nevada. W. Bowie, 226*; Reconnaissance in Canyon Range. G. F. Loughlin, 226*; Results of spirit leveling, 1897 to 1914, inclusive. R. B. Marshall, 719*; Some notes on. L. Gallois, 685*; Stream piracy of Provo and Weber rivers. G. E. Anderson, 799*; Utah (Dodge's Geography). J. A. Widtsoe, and W. Peterson, 151*; Utah (Frye's Geography). M. Hall, 151*; Utah, the oasis at the foot of the Wasatch. M. Jefferson, 364* **MAPS:** Post route map showing post offices, etc., in operation Oct. 1, 1914, 317*; State of Utah compiled from records of General Land Office and other sources under direction of I. P. Berthrong, 558*; Sunnyside Quad., *n.*, 396; Wellington Quad., *n.*, 901
Uyehara, G. E., 458

V

Vacher, A., 685*
Valencia: Bei Beginn des Krieges in der Heurta de. A. Poschmann, 901*
Valladolid: Map, 560*
Vallaux, C., 76, 231*, 310*
Valleys: Meandering valleys and underfit rivers. W. M. Davis, 74*
Valparaiso: Medidas de agua caída en 1912. Sumas compensadas del agua caída anual de —, etc. W. Knoche, 307*
Van Cleef, E., 115*, 241, 334, 979*
Vancouver, G.: A new Vancouver Journal on discovery of Puget Sound. By a member of *Chatham's* crew. Edited by E. S. Meany, 625*; Papers relating to Nootka Sound and to Captain Vancouver's expedition, 800*
Vancouver Island: First circumnavigation of. C. F. Newcombe, 800*; Papers relating to colonization of, 800* **Map:** Southerly portion of, 236*
Vander Linden, H.: *see* Lannoy, C. de
Vanni, M., 804*
Vars-Argentière Pass: Hannibal Once More. D. W. Freshfield, *rev.*, 137
Vasconcellos, E. de, 896*
Vaud, Map: Chemins de fer et mouvement de la population dans le canton de. C. Biermann, *n.*, 76
Veatch, J. O.: *see* Stephenson, L. W.
Vedova, G. dalla: —. (con un ritratto.) L. F. de Magistris, 805*; Scritti geogr., 1863-1913: Scelti, coordinati e ripubblicati a cura d'un comitato di geografi in occasione dell' 80 genetliaco dell' autore, 305*
VEGETATION: *see also* Plants: Le désert et sa végétation. C. Schröter, 634*; Some remarks on desert vegetation of America. O. Paulsen, 718*; Direct effects of rainfall on hygrophilous vegetation. F. Shreve, 311*; Effect of eruption of Katmai on land vegetation. R. F. Griggs, 193; Notes on comparatively recent changes in the vegetation of Taupo District. H. J. Fletcher, 899*; Some vegetation types at high altitudes. G. P. Gordon, 154*; Vegetation der Erde. Edited by A. Engler, & O. Drude (Nos. 8 and 12 of the series), *rev.*, 378
Venemann, T. W., 233*
VENETIA: Italianità geologica della Venezia Tridentina e dell' Adriatico. F. Sacco, 803*; Provincia di Venezia: S. Corti, 799* **Maps:** Carta delle pioggie della Regione Veneta, 1913, *n.*, 157; I due confini d'Italia carta fisico-politica dal Varo al Quarnaro, 904*; Regione Veneta e le Alpi nostre dalla fonti dell 'Adige al Quarnaro, *n.*, 904; Le tre Venezie, carta ipsometrica, 904*; Veneto, 904*
VENEZUELA: Ann. estadístico de — 1912: Documentos de 1912 y 1913; datos comparativos de 1905 a 1912, *n.*, 976; Appointment of Boundary Commission in, 608; Commerce of — and Colombia, 878; Venezuela To-day, 551*
Venice: Triest und Venedig. L. Glaesner, 802*
Venkatachellam Iyer, V., 232*
Verdon R.: L'hydrographie du bassin supérieur du. R. Blanchard, 553*
VERMONT: Report on mineral industries, and geology of —, 1913-14,

389* **Maps:** Base map of — and New Hampshire, *n.*, 313; Milton Quad., 313*
Véron, C., 900*
Verona: Storia sommaria della sezione di — del Club Alpino Italiano, 304*
Verrazzano, Giovanni da: Per —, scopritore dell' America settentrionale, nel giorno che i suoi conterranei di Greve gli fecero il monumento. G. Rosadi, 227*
Verrijn Stuart, C. A., 798*
Verrill, A. H., 292, 716
Vesuvius: Sulle modificazioni del Vesuvio dopo il 1906 la livellazione geometrica del vulcano. A. Malladra, 231*
VICTORIA: Economic geology and mineral resources of. H. Herman, 230*; Year-Book 1913-14. A. M. Laughton, 547* **Maps:** City of Bendigo, 238*; Talgarno, 399*
VICTORIA NYANZA: Deutsche Jagd am Viktoria Nyanza. L. von Brandis, 892*; Der Victoria-Njansa. Eine morphologische Studie auf Grund der vorhandenen Literatur. J. Perthes, *rev.*, 889
Vidal de la Blache, P., 160*, 235; Charles P. Daly Medal (Amer. Geogr. Soc.) awarded to, 123; Presentation of the Medal, 605, 690
Vienna: Wiener Heimatschutz- und Verkehrsfragen. H. Hassinger, 153* Maps: G. Freytags Verkehrsplan, 238*; G. Freytags District plan, 319*
Vilkitski, B. A. Arctic regions showing route of —'s expedition (Map), 160*; Return of — and Sverdrup expeditions, 961
Village Community: Origin of property and the formation of. J. St. Lewinski, 149*
Villanueva, C. A., 387*
Vincent, J., 145
Vinland: Natural history of ancient — and its geographic significance. M. L. Fernald, 364*, 686
Vinogradoff, P., 969; —, and Morgan, F., 547*
VIRGINIA: Ann. Report of Commiss. and the Board of Agric. and Immigr., 1914, 895*; Condition and extent of oyster beds of James River, 306*; Maps relating to — and the Virginia State Library and other Depts. of Commonwealth with 17th and 18th century atlas-maps in the Library of Congress. Compiled by E. G. Swem, 151*; Oriskany iron ores of. C. M. Weld, 895*; Results of spirit leveling, 1900 to 1913, inclusive. R. B. Marshall, 227*; — frontier in history — 1778. D. I. Bushnell, Jr., 975*; —. (Frye's Geography). A. B. Chandler, 151* **Maps:** Base map of, *n.*, 314; Clintwood Quad., *n.*, 635; Fairfax County. C. D. Choate, 317*; Location of road and bridge work done under supervision of State Highway Comm. to Sept., 1913, 237*; Main travelled routes through Md.-Va., Amer. Autom. Assn., 316*; Map showing districts for election of members of House Delegates, 1911, 237*; State senatorial districts, 1911, 237*; Pamunkey and Mattaponi Rivers, *n.*, 156; Post route map showing post offices, etc., in operation Oct. 1, 1914, 317*; Southern branch of Elizabeth R., *n.*, 156
Visher, S. S., 509; *see also* Perisho, E. C.
Vistula: Weichsel als Wasserstrasse und ihre Volkswirtschaftliche Bedeutung für Polen. E. J. Reyman, 469*
Vitoria: Map, 239*
Vivian, E. C., 216
Vogel, W., 634*
Vohsen, E., 892*
Voigt, A., 148*
VOLCANOES AND VULCANOLOGY: Ancient volcanic eruption in Upper Yukon Basin. S. R. Capps, 799*; Bilder aus dem Zentralafrikanischen Vulkangebiet am Kiwu-See. Schumacher, 551*; New volcano in the Lake Kivu Region, 879; Effect of eruption of Katmai on land vegetation. R. F. Griggs, 193; Eruptions and earthquakes of Asama-yama. List of volcanic earthquakes registered at Asama-yama observatory in 1911 and 1912; Strong outbursts, Dec. 1912 to May 1914. F. Omori, 152*; Notes on eruptions of Asama-Yama, 1908-11. F. Omori, 229*; Eruptions of Lassen Peak. J. S. Diller, 47, 69*, 125, 226*; Volcanic activity of Lassen Peak. R. S. Holway, 388*; Eruptions of Mt Lassen, 530; Eruption of Pavlov volcano, 46; Fenomeni avvenuti a vulcano (Isole Eolie) del 1890 al 1913. O. de Fiore, 632*; Fenomeni erutivi avvenuti allo Stromboli dal 1909 al 1914 ed il loro meccanismo. O. de Fiore, 632* Recenti eruzioni dell' Etna. G. Platania, 803*; Hawaii's great

Volcanoes, etc.—*Cont'd.*
volcanoes and the study of them. S. Powers, 577; Lavas of Hawaii and their relations. W. Cross, 631*; Islands grösster Vulkan. Dyngjufjöll mit der Askja. H. Spethmann, 627*; Meteor Crater. (formerly called Coon Mt. or Coon Butte.) D. M. Barringer, 388*; Mud volcanoes in Crimea and Caucasus. K. O. Lysakowski, 980*; Outbreak of Mauna Loa. T. A. Jaggar, 285, 309*; Seismic prelude to the 1914 eruption of Mauna Loa. H. O. Wood, 473*; Volcanoes of Kilauea and Mauna Loa. W. T. Brigham, *rev.*, 381; Present condition of active volcanoes of Martinique, St. Vincent and Guadeloupe. E. O. Hovey, 692; Vulkangebiete Zentralamerikas und Westindiens. M. Barchewitz, 801*; Volcanic eruption at Teneriffe in autumn of 1909. F. A. Perret, 632*; Eruption of Sakura-jima, 1914. F. Omori, 720*; Sakura-Jima eruptions and earthquakes. I. F. Omori, 72*; Rapporto prel. per Istituto Vulcanol. sulla grande eruzione del Sakurashima, Gennaio-Aprile, 1914. F. A. Perret, 552*; Sulle modificazioni del Vesuvio dopo il 1906 e la livellazione geometrica del vulcano. A. Malladra, 231*; Ascent of the air above active volcanoes. K. Wegener, 723*; Geogr. Nachweis eines erdmagnetischen und vulkanischen Vorgängen gemeinsamen Gesetzes. W. Krebs, 394*; Lufttemperaturen, Sonnenflecke und Vulkanausbrüche. W. Köppen, 74*; Organizzazione internazionale per lo studio dei vulcani. G. Platania, 804*; Relative distribution of fiords and volcanoes. J. W. Gregory, 633*; Study of the influence of volcanic dust veils on climatic variations. H. Arctowski, 310*; Volcanic dust in Oklahoma. F. Buttram, 305*; Temperatures, sunspots and volcanic eruptions. Köppen, 369; Vulkanausbrüche in Innerafrika, als neue Urkunden abyssodynamischer Gesetze. W. Krebs, 897*; Vulkanologische Beobachtungen an Deutsch-Ostafrikanischen Mittellandbahn. H. Reck, 551*; Water and volcanic activity. A. L. Day, and E. S. Shepherd, 310*; Über vulkanische Tätigkeit. W. Hempel, 554* **Map:** Karte des Kraters vom Berg Elgon, Uganda. R. Kmunke, 318*

Volk, K. G., 386*
Volz, W., 72*, 391*, 397
Vorarlberg: Mineralien Tirols, einschliesslich —'s und der Hohen Tauern. G. Gasser, 225*
Vose, E. N., 714
Vosges Mts.: Bau und Oberflächenformen der Vogesen. R. Langenbeck, 631*

VOYAGES, EARLY: *see also* Travels: De Castro's Red Sea Log. C. Crossland, 310*; Commodore Sir John Hayes: His Voyage and Life (1767-1831). With account of Admiral d'Entrecasteaux's Voyage of 1792-3. I. Lee (Mrs. C. B. Marriott), 150*; Eerste Schipvaart der Nedelanders naar Oost-Indië onder C. de Houtman 1595-1597. Journalem, docomenten, etc. uitgegeven en toegelicht door G. P. Rouffaer, en J. W. Ijzerman, 717*; Golden Age of Prince Henry the Navigator. J. P. Oliveira Martins, *rev.*, 624; New Light on Drake. Collection of documents relating to his voyage of circumnavigation 1577-1580. Transl. and edited by Z. Nuttall, 225*; New Vancouver Journal on the discovery of Puget Sound. By a member of *Chatham's* crew. Edited by E. S. Meany, 625*; Papers relating to Nootka Sound and to Capt. Vancouver's Exp., 800*; Toortse der Zee-Vaert door Dierick Ruiters (1623). Samuels Brun's Schiffarten (1624), Uitgegeven door S. P. l'Honoré Naber, 149*; Travels of Peter Mundy in Europe and Asia, 1608-1667. Edited by R. C. Temple. Vol. 2: Travels in Asia, 1628-1634, 387*; Voyage to Guiana, being the Journal of Jesse de Forest and his Colonists, 1623-1625. (A Walloon Family in America. R. W. de Forest), *rev.*, 454; Voyages of Norsemen to America. W. Hovgaard, *rev.*, 700

W

Wade, A., 631*
Wade, J. H., 386*
Wagner, A., 149*
Wagner, Herm., 305*, 981*; Volksmenge Europas nach. R. Reinhard, 900*
Wagner, M., 389*
Waitz, P., 629*
Wakefield, E. G., 147
Waldbaur, H., 684*; *see also* Hanns, W.
Waldo, F. L., 979*

WALES: Charbonnage anglais et Pays de Galles. C. Véron, 900*; Distribution of relative humidity in England and. W. F. Stacey, 393*, 534; S. Wales tornado of Oct. 27, 1913. With note on remarkable pressure oscillations observed on Aug. 14, 1914, 474* **Maps:** Bacon's contour atlas, 984*; Holyhead to Great Ormes Head, 903*; Mediaeval England and Wales (Philips' wall atlas of modern history), 400*
Walker, G. T. 212, 962
Wallace, A. R.: — und seine Bedeutung für die Tiergeographie. T. Arldt, 311*
Wallace, H. F., 709
Wallachs: Südrumänen der Türkei und der angrenzenden Länder. V. Lazăr, *rev.*, 66
Walle, P., 292
Wallén, A., 554*
Wallis, B. C., 70*, 146, 306*, 550*, 554*, 719*, 771, 800*, 956
Walther, J., 68*
Wanless, W. J., 552*
War, European: *see under* Europe
Warber, G. P., 719*
Ward, C., 719*
Ward, E. M., 721*
Ward, H. J. B., 625*
Ward, R. DeC., 48, 155*, 364*, 392*, 548*, 612, 672
Waring, C. A.: *see* McLaughlin, R. P.
Waring, G. A., 471*
Waring, H. E. A., 472*
Warsaw: Warschau: Eine anthropogeogr. Skizze. L. von Sawicki, 554*
Washburne, C. W., 306*
Washington, George: Mount Vernon, the Home of. J. E. Jones, 625*
Washington, W. DeH., 73*
WASHINGTON, CITY: The Nation's capital. C. B. Reynolds, 67*; Photographs of geographical interest in. R. H. Whitbeck, 952; —: the Capital City (Frye's Geography). M. E. Given, 151*; —: Its beginning, its growth, and its future. W. H. Taft, 471*
WASHINGTON, STATE: Cal. with glimpses of Oregon and. E. Markham, *rev.*, 538; Coal fields of Pierce County. J. Daniels, 718*; Gold, silver, copper, lead and zinc in — and Idaho, 1913. C. N. Gerry, 226*; Grande Coulée. K. Oestreich, 685*; Journal of occurrences at Nisqually House. Edited by C. B. Bagley, *n.*, 895; In Oregon Country: Out-doors in Oregon, —, and Cal. With glimpses of modern west in the making. G. P. Putnam, *n.*, 781; Profile surveys of Snoqualmie, Sultan, and Skykomish Rivers. R. B. Marshall, 306*; Profile surveys in Wenatchee R. Basin. R. B. Marshall, 471*; Univ. of —: Geography in the summer school, 372; —. (Dodge's Geogr.), Home Geography of. (Dodge's Geogr.) State Suppls. H. Landes, 151*; —. (Frye's Geography). W. N. Allen, 151* **Maps:** City Maps, 810*; Geol. map of Pierce County coal fields, 810*; Hoquiam Quad., *n.*, 636; Mt. Baker District, *n.*, 636; Mt. Rainier National Park, *n.*, 636
Waste Places: Wealth of the World's — and Oceania. J. C. Gilson (Redway's Geogr. Readers), *rev.*, 146
WATER: Laws of evaporation of — from pans, reservoirs and lakes, sand, soils and plants. F. H. Bigelow, *rev.*, 620; Lehrbuch der Grundwasser- und Quellenkunde. K. Keilhack, 68*; Süsswasser der Erde. W. Halbfass, 717*; Water and volcanic activity. A. L. Day, and E. S. Shepherd, 310*
Waters, Territorial: International Commission on Boundary Waters, 475*
Waterman, T. T., 389*
Waterschoot van der Gracht, W. A. J. M. van: *see* Molengraaff, G. A. F.
Watts, E., 900*
Wauseon: Phenological dates and meteorological data recorded at —, by T. Mikesell between 1873 and 1912. J. W. Smith, 800*
Wauters, A. J., 152*, 153*
WEATHER: Fehlerquellen der Wettervorhersage. O. von Myrbach, 981*; Instructions for cooperative observers, 982*; Popular misconceptions concerning the weather. A. H. Palmer, 311*, 369; Southern hemisphere weather in 1914. R. C. Mossman, 980*; Winter weather as a factor in the great war. R. DeC. Ward, 364*
Weaver, E. P., 701
Weaver, J. E.: *see* Humphrey, H. B.
Weber R.: Stream piracy of — and Provo Rivers. G. E. Anderson, 799*
Weberbauer, A., 317*, 378
Wegemann, C. H., 628*, 800*
Wegemann, G., 723*, 725
Wegener, A., 74*, 554*
Wegener, G., 228*
Wegener, K., 232*, 723*; *see also* Staxrud, A.

Wegner, T., 900*
Wehrli, L., 979*
Weight and Measure: Units of. Definitions and tables of equivalents, 470*
Weightman, R. H.: *see* Bowie, E. H.
Weinstein, M. B., 150*, 388*
Weismantel, L., 304*
Weiss, —, 75
Weld, C. M., 895*, 898*
Welland Canal: New — Ship Canal, 366
Weller, A., 974
Wellington, N. Z., Map: Tramway system of Greater —, and adjoining boroughs, 159*
Wenatchee R. Basin: Profile surveys in. R. B. Marshall, 471*
Wendicke, F., 68*
Werenskiold, W., 685*
Werner, J., 134
Werth, E., 149*, 394*
Werveke, L. van, 393*
Westermann, D., 799*
Western Telegraph Co.: Map of Lines of, 240*
Western Union Telegraph Co.: Map of the U. S. showing time used on Western Union telegrams, 903*
Westerveld, D. J. A., 898*
WEST INDIES: All-rail route to Habana, 389*; Beiträge zur Entstehungsgeschichte der ersten Kolonien in N. Amerika, Westindien usw. A. Fischer, 547*; Colbert's West India policy. S. L. Mims, *rev.*, 58; Conquest of the tropics. Story of creative enterprises conducted by United Fruit Co. F. U. Adams, *n.*, 792; Cruise of the *Cormorant*. A. H. Verrill, *n.*, 716; Pioneers in tropical America. H. Johnston, 971; West India scenery. 22 water-colour sketches. F. Alcock. With hist. and topogr. notes by H. J. B. Ward, *n.*, 625*; — and Guiana. With Bermuda, etc. A. E. Aspinall, *n.*, 791; Door West-Indië. Antillen, Panama, etc., C. J. Wijnaendts Francken, 627*; Vulkangebiete Zentralamerikas und Westindiens. M. Barchewitz, 801*
Map: Central America, the West Indies, etc., 160*
British West Indies: America, including Canada, British West Indies, etc. (Oxford Survey of British Empire), *rev.*, 971; British West Indies, 896*
Danish West Indies, Map: Dansk Westindien, St. Thomas og St. Jan, 639*
Dutch West Indies: Encyclopaedie van Nederlandsch West-Indië. Edited by H. D. Benjamins, and J. F. Snelleman, *rev.*, 58; Flora of the —: Vol. 2: Curaçao, Aruba, and Bonaire. I. Boldingh, 546*; Lichtenlijst van Nederl. Oost- en West-Indië, 148*
Weston, W., 899*
Weston, W. H., 386*
WEST VIRGINIA: Boone County. C. E. Krebs, and D. D. Teets, Jr., 628*; Soil survey of Boone County. W. J. Latimer, 628*; Detailed Report on Preston County, 127; Logan and Mingo Counties. R. V. Hennen, and D. B. Reger, 470*; Soil survey of Logan and Mingo Counties. W. J. Latimer, 628*; Semicentennial history of. J. J. M. Callahan, 67*; —. Dodge's Geography. M. P. Shawkey, 151*; —. Frye's Geography. S. B. Brown, 151*
Maps: Base map of, *n.*, 314; Boone County: Map showing geology. C. E. Krebs, and D. D. Teets, 810*; Map showing topography, 810*; Hacker Valley Quad., *n.*, 901; Logan and Mingo Counties. Two maps showing topography and general and economic geology, 559*; Map showing coal, oil, gas, iron ore and limestone areas, 78*; Pickens Quad., *n.*, 806; Meadow Creek Quad., *n.*, 396; Sago Quad., *n.*, 156
Wetherill, H. B., 792
Wettstein, O., 970
Wetzlar, J., 231*
Weule, K., 475*, 551*
Whaling: Norwegian — industry in 1913, 961; — off the Alaskan Coast. From the Journal of Jack Hadley of Point Barrow, 905
Wheat: Practical discussion of raising, marketing, handling and use of wheat crop relating largely to Great Plains region of the United States and Canada. A. M. Ten Eyck, 625*
Whitaker, C. H., 231*
Whitbeck, R. H., 70*, 115*, 555*, 584, 952
White, J. H.: *see* Howe, C. D.
White, L., 56
White, S. A., 721*
White, S. E., 785
Whitehouse, W. E., 621
White Mts.: Forest Reservation in the, 875 Map: Appalachian Mountain Club map of northern peaks of the great range. L. F. Cutter, 398*

White River: Upper — District. D. D. Cairnes, 800*
White Sea: Hydro-meteor. service in the Arctic Ocean and the, 474*; The White Sea route, 367
Whitney, M., 550*
Who's who in Science: International, 1914, 150*
Whyte, G. H.: *see* Sauder, P. M.
Wichmann, H., 314
Wickersham, G. W., 224*
Wickson, E. J., 780
Wickware, F. G., 388*
Widmer, M., 980*
Widtsoe, J. A., and Peterson, W., 151*
Wiedenfeld, K., 721*
Wiese, J., 304*
Wight, Isle of: Map: Bacon's plan of, 79*
Wigram, E. T. A.: *see* Wigram, W. A.
Wigram, W. A., and Wigram, E. T. A., 219
Wijnaendts Francken, C. J., 627*
Wilber, D. F., 980*
Wiickens, O.: *see* Steinmann, G.
Wilder, H. J., 629*
Wilderness and Jungle: Book of the. Edited by F. G. Aflalo, 799*
Wiley, S. H., 897*
Wilke, G., 617
Wilkes, Lieut. Charles: Justice to, 287
Willamette R. Basin, Ore.: Profile surveys in. R. B. Marshall, 470*
Willcocks, W., 233*; —, and Craig, J. I., 541
William of Sweden, H. R. H. Prince, 891
Williams, D. R., 218
Williams, E. R., Jr., 299
Williams, F. E., 115*
Williams, G. C., 472*
Williams, J. H., 698
Williams, M. Y., 471*
Williamson, G., 151*
Williamson, R. W., 298
Willis, B., 228, 364*, 348, 350*, 397, 680
Willis, J. C., 616
Williston, S. W., 225*
Willoughby, W. W., *see* Giddings, F. H.
Willson, B., 378
Willson, G. H., 800*, 956
Wilson, F. H., 69*
Wilson, G. G.: *see* Giddings, F. H.
Wilson, J., 973*
Wilson, R. C.: *see* Thiele, E. O.
Wimmer, J., 228*
Winchell, Newton Horace: Memoir of. W. Upham, 555*
Wind Cave National Park, 1915: General Information, 895*
WINDS: Über Beziehung zwischen Druckgradient, Wind und Gradienänderungen. T. Hesselberg, 981*; Über Beziehung zwischen Luftdruck und Wind im nichtstationären Fall. T. Hesselberg, 981*; Eddy winds of Gibraltar. H. Harries, 231*; Indian monsoon rainfall. G. T. Walker, 212; "Monsoon" rainfall. B. C. Wallis, 554*; Instructions for installation and maintenance of wind measuring and recording apparatus, 982*; Origin of the wind. J. W. Sandström, 723*; Winds in the free air. C. J. P. Cave, 232*
Winnebago Indians: Social organization of the —: an interpretation. P. Radin, 629*
Winship, N., 980*
Winslow, A. A., 899*
Wireless Telegraphy: *see under* Telegraphy
WISCONSIN: Early harbor history of. R. G. Plumb, 70*; Economic aspects of glaciation. R. H. Whitbeck, 70*; Some influences of Great Lakes on development of. F. E. Williams, 115*; Inland Lakes of. E. A. Birge, and C. Juday, 627*; Inland lakes of: Hydrography and morphometry of the lakes. C. Juday, 126; Limestone road materials of. W. O. Hotchkiss, and E. Steidtmann, 628*; Methods of mapping glacial geology in northern. E. F. Bean, 115*; Results of spirit leveling, 1897 to 1914, inclusive. R. B. Marshall, 306*; Univ. of —: Courses in geography at the summer school, 372; Wisconsin. (Dodge's Geography.) J. A. Merrill, 151* **Maps:** Detailed map of the lake region of northern — and Michigan, 78*; Map of, 316*; Official railroad map of, 78*
Witkamp, H., 72*
Wittaker, M., 307*
Witte, J. de, 224*
Woeikov, A., 708
Woerl, L., 799*
Wolff, R., 794
Wolff, W., 153*
Wolfram, —, 553*
Wolkenhauer, A.: — victim of the war, 535
Wollaston, A. F. R., 73*
Woo, Kwing Tong: *see* Jones, D.
Wood, A. L.: *see* Morgan, J.
Wood, B. D., 227*, 629*, 719*

Wood, E. O., 901*
Wood, H. O., 309*, 473*
Wood, L., 230*
Wood, L. H., 303*
Wood, R. K., 56, 782
Woodley, O. I., 150*
Woodroffe, J. F., 59
Woodward, H. P., 721*
Wool: —. (Common commodities of commerce.) J. A. Hunter, 69*
Woolsey, T. S., Jr., and Chapman, H. H., 227*
Wooton, E. O., and Standley, P. S., 719*
Worcester, D. C., 230*
Workman, W. H., 229*
WORLD: A. Hartleben's kleines statist. Taschenbuch über alle Länder der Erde. F. Umlauft, 548*; A. Hartleben's statist. Tabellen über alle Staaten der Erde, 548*; Blaeu's world map of 1605, 964; Coal resources of the —: A summary. L. Dominian, 761; Coal supply of western hemisphere. L. Dominian, 804*; Entstehung der Welt und der Erde nach Sage und Wissenschaft. M. B. Weinstein, 150*; Untergang der Welt und der Erde in Sage und Wissenschaft. M. B. Weinstein, 388*; Hörbigers Glacial-Kosmogonie. Neue Entwicklungsgeschichte des Weltalls und des Sonnensystems. Auf Grund des Widerstreites eines kosmischen Neptunismus mit einem ebenso universallen Plutonismus. P. Fauth, 305*; Werden und Vergehen. Eine Entwicklungsgeschichte des Naturganzen in gemeinverständlicher Fassung. Entwicklung der Erde, des Kosmos, usw. C. Sterne, 150*; Geological map of the world. E. de Margerie, 232*; Junior Geography of the. B. C. Wallis, *rev.*, 146; Länderkunde der aussereuropäischen Erdteile. F. Heiderich, 469*; Manuale Coloniale. P. Revelli, 148*; Southern hemisphere weather in 1914. R. C. Mossman, 980*; Süsswasser der Erde. W. Halbfass, 717*; Thermal regions of the globe. A. J. Herbertson, 74*; Überseeische Getreideversorgung der Welt. W. Vogel, 634*; The war and the world's trade. A. L. Bishop, 641; Wealth of world's waste places and Oceania. J. C. Gilson (Redway's geogr. readers), *rev.*, 146; Wild life across the world. C. Kearton, *n.*, 973; Wireless telegraph stations of the: Land stations, ship stations, 982*; World and its discovery. Description of continents outside of Europe based on stories of their explorers. H. B. Wetherill (Oxford Geographies), *n.*, 792; World's supply of potash, 982* **Maps:** Andrees allgemeiner Handatlas in 221 Haupt- und 192 Nebenkarten. E. Ambrosius, 400*; American library atlas of the —, containing about 100 maps, 400*; Atlas of the world, 480*; Bacon's wall atlases: Atlases of continents. Each atlas composed of 7 maps, 640*; Bacon's library and commercial route chart of the world, 640*; Bacon's wall atlases: World in hemispheres, 640*; Coal supply of the western hemisphere. L. Dominian, 812*; G. Freytag's Welt-Atlas, 400*; Haack-Hertzberg: Grosser historischer Wandatlas. Abt. LV: Karten zur Kulturgeschichte der Welt, No. 5. Zeitalter der Entdeckungen, No. 6: Koloniale Expansion des 17. u. 18. Jahrhunderts. H. Hertzberg, 984*; International reference atlas of the world. J. G. Bartholomew, 240*; Map of lines of Western Telegraph Co., 240*; Maps showing diplomatic and consular offices of the United States, 640*; New encyclopedic atlas and gazetteer of the —, edited and revised by F. J. Reynolds, 400*; Orbis veteribus notus (part of the world known to the ancients), 812*; People's handy reference atlas of the, 400*; Philips' synthetic maps. The world, etc. E. G. R. Taylor, 812*; Philips' Chamber of Commerce Atlas. Graphic survey of world's trade with commercial compendium and gazetteer index, 240*; Rand McNally library map of the world, 480*; War map of American trade opportunities, 240*; World illustrating the age of discoveries (W. and A. K. Johnston's series of history maps), 400*
Wren, C., 303*
Wright, A., and Reid, T. H., 297
Wright, C. W., 719*, 807*; *see also* Wright, F. E.
Wright, F. E., and C. W., 806
Wright, G. F., 151*
Wright, M. H., 901
Wright, W. B., 617
Wunderlich, E., 684*
Wundt, W., 621
Württemberg: — and Bavaria. Handbook for Travellers. K. Baedeker, 469*

Wyoming: The Basin and Greybull oil and gas fields, Bighorn County. F. F. Hintze, Jr., 628*; Prehistoric cemeteries—Giant reptiles and giant trees. J. C. Gilson (Redway's Geogr. Readers), *rev.*, 146
Maps: Base map of, *n.*, 314; Basin-Greybull oil and gas fields, 810*; Crow Creek Quad., 395*; Grass Creek Quad., 806*

Y

Yampa R., Colo.: History of portion of —, and its possible bearing on that of Green River. E. T. Hancock, 470*
Yangtze-kiang: Discharge and sediment of the. K. Keilhack, 284
Yarnell, D. L.: *see* McCrory, S. H.
Ydstie, J., and Blom, A., 80*
YEAR BOOKS: American Year Book. Record of events and progress, 1914. Edited by F. G. Wickware, 388*; Year Book of U. S. Dept. of Agriculture, 1914, 976*; Argentine Year Book 1914. With chapters on Uruguay and Paraguay, 468*; Year Book of City of Buenos Aires, 1913, 389*; Imperial Year Book for Canada, 1914-15. Edited by A. E. Southall, 468*; Jaarboek van het Mijnwezen in Nederlandsch Oost-Indië, 1912, 229*; Jahrb. für Landeskunde von Niederösterreich, 1914 and 1915, 631*; Jahrb. des Schweizer Alpenclub, 474*; Jahresb. der k. bayerischen Staatseisenbahn-Verwaltung, 1913, 231*; Jahresb. für 1914. (Austria-Hungary.) E. Tietze, 553*; South American Year Book and Directory, 1915, *n.*, 784; Year Book of Australia for 1914. Edited and compiled by W. C. Cambridge, 72*; Year-Book and Record of the Royal Geogr. Soc., 1914, 393*; Year-book of wireless telegraphy and telephony, 1915, 894*
Year-Measurements: — in ancient times. V. Venkatachellam Iyer, 232*
Yellowstone National Park: —, 1915: General Information, 895*; —. Historical and descriptive. H. M. Chittenden, *n.*, 614; Some observations on two small geysers of. E. Chaix, 685*; —: Physiogr. sketch. E. de Martonne, 685*; —. J. C. Gilson. (Redway's geogr. readers), *rev.*, 146
Yorkshire: —. (Agric. Geogr. of England on a regional basis.) E. M. Ward, 721*; Tablet in commemoration of Captain Cook placed on a school at Great Ayton, 961
Yosemite National Park, —, 605; Yosemite and its high Sierra. J. H. Williams, *rev.*, 698
Yukon River: Ancient volcanic eruption in Upper Yukon Basin. S. R. Capps, 799*; Surface water supply of the Yukon-Tanana Region. C. E. Ellsworth, and R. W. Davenport, 718*
Yukon Territory: Northern British Columbia and. (Guide books for excursions of 12th Intern. Geol. Congress in Canada, 1913), *rev.*, 701; Upper White R. District. D. D. Cairnes, 800*
Yunan, Maps: Geology of country around Yünnan-Fu, 318*; Yün-Nan, 159*

Z

Zambezia: François Coillard. Missionaire au Zambèze 1882-1904. E. Favre, *rev.*, 542; Wild game in Zambezia. R. C. F. Maugham, *n.*, 785
Zambezi R.: Along the Congo-Zambezi water parting, 608
Zamora: Map, 560*
Zanzibar. Suppl. Commerce Repts. P. C. Hayes, 977*; Depopulation of, 50
Zastrow, F., 309*
Zeltner, F. de, 977*
Zermatt: Nach —, Gornergrat, Saas-Fee. H. Behrmann, 68*
Zieman, H., 893*
Ziemendorff, G., 608
Zimmermann, A., 135
Zoogeography: *see under* Geography
Zoology, Paleo: *see* Paleozoology
Zugspitze: Das Klima der. A. Huber, 304*
Zuider Zee: Map, 480*

INDEX TO MAPS

NORTH AMERICA

Alaskan Coast, Whaling off the: Sketch map of places visited in Alaska whaling, 906

Alaskan Natives, Work for Betterment of: Map showing public schools for natives of Alaska, reindeer stations, and railroads, 606

American Cities: How Amer. Cities Grow: Map to show how cities of three main types fall into geographical groups, 36

California, Isles of: Castillo's chart of the Gulf of California, 747; Map of Jodocus Hondius, 1611, showing indefinite ending to the Gulf of California, 749; Map by De Fer, 1720, giving alternative name of Carolinas to the Californian group of islands. This map also shows rivers Tison and Coral debouching into a bay just below the Isle of Giganta, 751; Map of North America from Purchas' Pilgrims showing California as an island and three large rivers emptying into the sea in close proximity to the Isle of Giganta, 753; Map by Coronelli, 1688, also showing Isle of Giganta and gulf in shore of New Spain, 757; Chart of the Pacific Ocean by J. Green, 1753, giving fairly accurate representation of California and the Gulf, 759; Tracing of portion of U. S. Hydrogr. Office chart of Gulf of Cal. showing islands of Angel de la Guardia and Tiburon, and part of Sonoran coast, 760

Katmai, Effect of — Eruption on Land Vegetation: Map of region affected by Katmai eruption, showing the outer limit of main ash fall, 194

Mt. Kitchi: Preliminary map of Canadian Rocky Mountains between Jarvis Pass and Yellowhead Pass showing route followed by M. L. Jobe in August, 1914, facing p. 494

Navajo Country: Outline map of —, based on reconnaissance maps of the U. S. Geol. Survey, and U. S. Land Office, 562; Map of ancient and modern villages in Tusayan based on topographic and archæologic surveys, 664; Sites of Hopi villages in Province of Tusayan constructed from topographic surveys and measured stratigraphic sections, 665; Sketch map showing positions of fields cultivated by Kisani race of the cliff dweller period in relation to areas now suitable for cultivation, 669

New York State Barge Canal: Sketch map of New York Barge Canal and connections, 322; Map, profiles, cross-sections and plan of lock, facing p. 498

Prince William Sound: Gateway to the Interior of Alaska: Sketch map of hinterland of Prince William Sound showing two main routes into the interior of Alaska, 923; Sketch map of Prince William Sound, 930

Seward, the Terminus of Alaska's New Railroad: Map of head of Resurrection Bay showing location of Seward, 933

United States, Climatic Provinces of Western: Climatic provinces of western United States. W. G. Reed, 9

United States, Climatic Subdivisions of the: Main climatic subdivisions of the U. S., 673; Chart showing districts for weekly forecasts, 674; Climatological Districts of the U. S., 674; Climatological Sections of the U. S., 677; Climatic provinces, 678

White Mountains, Forest Reservation in the: Map of White Mountain National Forest showing the present purchase area in New Hampshire and Maine, 875

SOUTH AMERICA

Patagonia, Northern: Sketch map of northern Patagonia showing features mentioned in the text, 350

Rio Theodoro, Definite Survey of the: Map of Rio Theodoro from the survey of Roosevelt-Rondon expedition. Reduced and assembled from sectional map published in Geographical Journal, facing p. 362

AFRICA

Africa: Steam Route Across — Completed: Steam route across tropical Africa, 449

ASIA

Asiatic Turkey, Peoples of Northern and Central: Distribution of Armenians in Turkish Armenia, facing p. 852; Part of Asiatic Turkey showing distribution of peoples, facing p. 868

India, Response to Rainfall in: Average pressure and wind of India—Jan., 82; Average pressure and wind of India—July, 83; Mean annual rainfall of India in inches (After Eliot), 87

Lamasery Life: Map of western China showing route of F. H. Nichols, 1903-04, 103

Sanpo, Identity of the — and Dihang Rivers: Course of the Brahmaputra, showing continuity of the sections known as the Sanpo and the Dihang, 260

Turkey, Railroads in: Railroads in Turkey, Map facing p. 936

AUSTRALASIA AND OCEANIA

Kaiserin Augusta River in New Guinea, Exploration of the —, 1912-13: Sketch map of Kaiserin Augusta River Region, 344

EUROPE

Europe, Linguistic Areas in. Their Boundaries and Political Significance: Franco-Flemish linguistic boundary, facing p. 404; Franco-German linguistic boundary in Alsace-Lorraine, facing p. 410; Boundary between French and German in Switzerland, 411; Sketch map of Schleswig-Holstein showing languages spoken according to Danish viewpoint, 414; Sketch map of Schleswig-Holstein showing languages spoken according to German viewpoint, 415; Sketch map of Trentino showing languages spoken, 417; Area of Polish speech, facing p. 424; Austria-Hungary and parts of southeastern Europe showing languages, facing p. 432; Part of Europe showing languages having political significance, facing p. 436

Germany, Sugar Beet in —, with Special Attention to Its Relation to Climate: World distribution of beet sugar and cane sugar areas, 243; Sugar beet cultivation by counties in Prussia, Brunswick and Anhalt, 246; Density of population by counties of Prussia, Brunswick and Anhalt, 247

Turkey, Railroads in: Map facing p. 936

War, Geographic Aspects of the: Block diagram showing topography of eastern theatre of war, facing p. 265; Hindenburg's latest drive in East Prussia, 359; Map of scene of operations of Austro-Italian campaign, 527

POLAR REGIONS

Australasian Antarctic Expedition, 1911-14: Map of portion of Antarctic Continent explored by Australasian expedition, 38

Stefansson Finds New Land: Sketch map to illustrate Stefansson's explorations 1914-1915, 767

WORLD

Anian, The Mythical Straits of: Outline copy of MS. map in British Museum, showing connection between Marco Polo's Asia and new lands (circa 1530), 162; Outline sketch map of part of eastern Asia according to Homem, 164; Ruysch's map of 1507, showing supposed relation of newly discovered lands to the Asian continent, facing p. 164; Portolano of Northern Pacific, circa 1540, facing p. 165; Straits of Anian according to account of Maldonado's voyage in MS. in the British Museum, 168; Tramezini, 1554, facing p. 168; Gastaldi's map of the world, 1550, opposite p. 168; Gastaldi's map of Eastern Asia, 1561, opposite p. 169; Zaltieri's map of 1566, showing the Straits of Anian, facing p. 169; View of north entrance, 169; View of south entrance, 169; Straits of Anian according to Font, 170

Coal Resources of the World: World distribution of coal according to grade based on the report of coal resources of the world, XIIth Intern. Geol. Congress, Toronto, 1913, facing p. 762

INDEX TO ILLUSTRATIONS AND DIAGRAMS

NORTH AMERICA

Alaska, Glacial Scenery of: La Pérouse Glacier in southern part of St. Elias Alps, facing p. 172; Taku Glacier, Alaska, facing p. 173

Alaskan Coast, Whaling off the: Eskimo whalers, employed by American whalers, 909; Spring whaling, 911, 912; After spring whaling is over, 912; Instruments used in Alaskan whaling, 915; Whale boats on the beach, 915; Fall whaling, 918; Removing blubber to facilitate the cutting off the "bone" bearing upper jaw, 919

American Cities: How — Grow: Diagram showing the six giant cities of English America, 20; Diagram showing three types of growth of American cities from 1840 to 1910, 23; Exuberant cities of the Pacific Coast, 26; Halting growth of river cities, 32; Recent check in growth of lake cities, 35

Harvard Glacier, Alaska, First Exploration of: Harvard Glacier from four miles away, 118; On a narrow ice bridge between deep crevasses, exploring the, 119

Katmai, Effect of eruption of — on land vegetation: Blanket of volcanic ash among the spruces destroying humbler plants, 195; Gently sloping hillside on Near Island, Kodiak, 196; Remnant of an "alluvial fans" washed out of a ravine, 196; Ash landscape near Kodiak, 197; Lupines. These and other strong-stemmed plants come through the ash with undiminished vigor, 197; Geraniums, hellebores, ferns and willows in the mixed meadow characteristic of Kodiak district before the eruption, 199; Hillside where all vegetation except few scrub willows was destroyed. Originally covered with variety of herbaceous plants. Near Kodiak, 199; Horsetails coming up in a gully where general deposit was so deep that nothing could penetrate it. Russian anchorage near Takli Bay on mainland, 200; Ash clinging to the spruces after a year's rains, 201

Mt. Kitchi: A New Peak in Canadian Rockies: Panoramic view of northwest face of Mt. Kitchi, facing p. 481; Alpland above Avalanche Pass, 486; Black Twins, 487; Range between Black Bear Creek and Big Salmon River, etc., 488; View of Mt. Kitchi looking north-northwest from northern slopes, 489; Providence Creek showing Mt. Kitchi in the distance, 491

Navajo Country: Diagrammatic Section, extending southeastward from junction of San Juan and Colorado Rivers to the north rim of Black Mesa, 566; Diagrammatic section on west-east line through Agathla Needle, 566; Diagrammatic section, Oraibi Wash to the southeastern edge of Black Mesa, 567; Diagrammatic Section across Chinle valley, 567; Mean annual rainfall, Navajo Reserv., 569; Diagrams of mean monthly rainfall at Fort Defiance, Keams Canyon, and Tuba, 570; Organ Rock: an erosion remnant 400 feet in height worn from brilliantly banded shales of Permian age, facing p. 570; Butte of massive sandstone resting on a pedestal of shale, one of a group of "monuments" in Monument Valley, facing p. 571; Upper part of a canyon wall on the edge of Moenkopi Plateau, facing p. 571; Entrance to Todilto Park, facing p. 572; Wind erosion, Kaibito Plateau, facing p. 572; Rainbow Natural Bridge, north base of Navajo Mt., opposite to p. 572; Tolani Lakes at lower end of Oraibi Wash, opposite p. 572; Field of sagebrush with groves and individuals of piñon and cedar, opposite p. 573; Piñon and cedar in a valley among Hopi Buttes, opposite p. 573; Forest of yellow pine on Hubbell Plateau, facing p. 573; Diagram summarizing factors of elevation, topography, rainfall and vegetation as related to grazing and agriculture in the Navajo country, 576; Navajos between the ages of 18 and 30 prepared for a foot race, facing p. 652; Dinesosi, a Navajo chief, age about 75, opposite p. 652; Ancient dwelling of Kisani race. A cliff of the abandoned village of Betatakin, in a branch of Tsegi Canyon, opposite p. 657; Modern house of Kasani race, facing p. 657; Navajo summer and winter hogans, facing p. 657; Typical field of Hopi corn, facing p. 667; Single stalk of Hopi corn,

667; Diagram showing the root habit of Hopi corn as compared with other varieties, indicating a remarkable adaptation to arid conditions, 668; View of Tsegi Canyon as seen from its rim, 670; Hopi village of Moenkopi with adjoining cornfields, facing p. 670

New York State Barge Canal: Plans and sections of locks, New York State Canals, 323; State of N. Y. Erie Canal boats showing successive enlargements, 326; Cross sections of Erie Canal, showing successive enlargements, 327; Completed section of Barge Canal near Rochester, 330; "The Old and the New." Barge Canal lock in canalized river. Old barge in canal ditch above, 331; Profiles, cross-sections, map and plan of lock, facing p. 498; Profile of Barge Canal, 499; Barge Canal Terminus, Whitehall, N. Y., connecting with Lake Champlain, 501; Enlargement of Erie Canal: section dredge and conveyor, 503; Section of canal showing enlargement of prism and new standard bridge as compared with Erie Canal bridge, 505; Locks at Lockport. Erie Canal locks, 506; Large Canal excavation. Ladder dredge and conveyor, 594; "A miniature Culebra Cut" by which the Barge Canal leaves Mohawk R. to reach Waterford locks, 598; Siphon lock, Oswego, N. Y. Barge Canal entrance to Lake Ontario, 599

Prince William Sound: Gateway to the Interior of Alaska: Cordova, viewed from southeast, 926; Copper R. & Northwestern R.R. Company's dock at Cordova, 927; First street, Cordova, 929; Kennicott, the center of Chitina copper mining district, 929

Seward, The terminus of Alaska's new railroad: View of Seward, 933

United States, Climatic provinces of western: Ann. march of rainfall in the Rain Shadow Area, 11; Ann. march of rainfall in Californian district of the Pacific Province, 12; Ann. march of rainfall in Oregonian District of the Pacific Province, 13

AFRICA

Desert's Edge, The: Bedouins harvesting barley with their bare hands, 815; Camel's long neck, permitting him to reach to the center of Christ's-thorn bush, is one of his many adjustments to environment, 816; Bedouin tending sheep flocks on a hill in the Desert's Edge, 816; Woman using hand mill at the door of the tent. Husband clad in burnoose, 819; Wall of Sfax, and wood vendors waiting for customers, 819; Another view of the wall of Sfax—tribute to military efficiency of the Bedouin, 823; Signal rock of Matmatas and new French garrison which has replaced it, 823; View across the town of Matmata, which has 5,000 people. In the center are a number of round holes to court-yards, while one entrance doorway is shown in the center foreground, 825; Looking down into Matmata court-yard. Family lives on lower floor, using upper floors for storage, 826; Interior of the best room of head man of Matmata, 826

ASIA

Asiatic Turkey, Peoples of Northern and Central: Group of Turks who have none of racial traits indicated by their name, 839; Kizilbash, budding and in their prime. A people who still adhere to exceedingly ancient customs and worship, 845; Armenian priest. Facially Armenians resemble the inhabitants of Central Europe, 849; Types of Mohammedan immigrants, 849; View of plain of Van, 850; Kurd children of Armenian borderland, 855; Kurds at harvest in Upper Mesopotamia, 856; Kurd Village in southern Kurdistan, 856; Family of sedentary Arabs in Mesopotamia, 861; Maronite women—the highlanders of Syria, 861; In the desert of Syria, Tribe of Anezeh Arabs moving to new pasturage, 867

Lamasery Life: Portrait of F. H. Nichols, facing p. 100

Sanpo, Identity of the — and Dihang Rivers: Kinthup, who first explored the Sanpo through the great Himalayan Range, 1880-1883, 262

AUSTRALASIA AND OCEANIA

Hawaii: —'s Great Volcanoes and the Study of Them: Crater Halemaumau, on June 9, 1915, shown in plan-view and in section, 579; Lava lake in Halemaumau as seen in Sept., 1909, when about 90 feet below the rim of the crater, facing p. 580; Lava Lake in Jan., 1912, showing walls of the pit, which, in the background, is a portion of Mauna Loa slope, opposite p. 580; Lava lake in Feb., 1913. The lake has subsided slightly, leaving a low wall between the molten lava and the floor of the pit, opposite p. 581; Small lake in Feb., 1915, after subsidence had begun from the level of 363 feet below the rim on Jan. 4, facing p. 581

EUROPE

Germany, Sugar beet in —, with special attention to its relation to climate: Delitzsch "Elit." Type of beet of highest quality developed in Delitzsch, 244; Sugar beet field during harvest. Delitzsch, 248; Driving in to be weighed. Seed warehouse in background, 250; General view of one of the largest sugar *Fabriken* in Germany, 250; More expensive form of delivery, 251; Apparent dependence of production upon rainfall and temperature, 252; Relation of number of *Fabriken* to production, showing recent decrease in *Fabriken* with constant increase in production, 253; Rank of sugar beet versus the rank of beet sugar, 254; Germany's rank among the beet producing countries, 255; Beet sugar production of the world, 255; Consumption of sugar in kilograms per capita among nations, 1911-12, 256; Destination of Germany's beet sugar export, 256; Curves to show relation of sugar development in the plant and weather elements, 335; Relation of beet sugar production in Germany to temperature and rainfall, 1893-1912, 337

War, Geographic Aspects of the: Schlucht Pass across the crest of Vosges Mts., showing contract between the gorges on steep eastern face and more open country of the gentle western slope, 176; Bloc diagram showing topogr. features of west-central Europe, facing p. 176; Distant view of Dinant, showing even sky-line of Ardennes upland. River Meuse, whose valley forms one of the two routes by which the Germans crossed through the upland to France, 178; Level plain of northern Belgium. Over its remarkably flat surface the Germans moved great armies with almost incredible rapidity. The black smoke in the distance is from the town of Audogen set on fire by Belgian shells, 180; First line of east escarpments, east of Paris, near Ay. From the summit of these vineyard-covered slopes French artillery dominated the lowland of Champagne district, during part of the battle of Marne, 182; Motor car destroyed by an aeroplane near Lodz, 270; German soldiers advancing toward Warsaw across the level surface of the plain, 271

TROPICAL REGIONS

Tropics, Steady Warmth of the: Daily oscillations, for the period Oct. 1, 1912, to Oct. 31, 1913, of actual temperature at Detroit, Mich., and Ancón, Panama Canal Zone, facing p. 346; Annual temperature curves for Detroit, Mich., and Ancón in the Panama Canal Zone, 347

METEOROLOGY

Temperature: Terrestrial — and Solar Changes: Sun-spots and temperature, 1870 to 1910. After Köppen, 185; Variations in temperature during the sun-spot cycle, 186

TRANSPORTATION

Primitive Carriers in Land Transportation: Human burden-bearer (Korean), 733; Group of llamas in Peru, 735; Arabian camel, 735; Indian elephant, 737; Use of rollers for transporting heavy building stones, 737; Egyptian rolling sled, 739; Wooden frame used by the Greeks to transport marble columns, 739; Types of barrel-vehicles used in Virginia and North Carolina up to 1850, 739; Cylindrical framework used by the Greeks to transport marble prisms, 739; Nantucket fish cart, 739; Greek *scytala*, 739; Russian Bashkir child's coach, 741; Roman farm wagon, 741; Burmese car of state, 741; Indian cart, 741; Japanese cart, 741; Persian farm cart, 741; Egyptian chariot of Ptolemaic era, 743; Egyptian chariot of the third century B. C., 743; One-wheeled Chinese vehicle, 743; Korean royal vehicle (one-wheeled), 743; Japanese jinrikisha, 743